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Sample Size Requirements and Considerations for Models to Assess Human-Machine System Performance

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SAMPLE SIZE REQUIREMENTS AND CONSIDERATIONS FOR MULTI-LEVEL MODELS AS APPLIED TO HUMAN-MACHINE SYSTEM PERFORMANCE

DISSERTATION

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Abstract

Hierarchical Linear Models (HLMs), also known as multi-level models, are an extension of multiple regression analysis and can aid in the understanding of human and machine workloads of a system. These models allow for prediction and testing in systems with hierarchies of two or more levels. The complex interrelated variability of these multi-level models exists in operational settings, such as the Air Force Distributed Common Ground System Full Motion Video (AF DCGS FMV) community which is composed of individuals (Level-1), groups (Level-2), units (Level-3), and organizations (Level-4). Through the development of sample size requirements and considerations for multi-level models, this research determined necessary requirements and strategies to assess human-machine system performance based requests for statistical testing and evaluation. This research compares sample size recommendations to previous Level-2 HLM recommendations and extends recommendations to Level-3 and Level-4 HLMs based on varying effect sizes, level predictor variance, and error variance scenarios. Depending on the application, results demonstrate that sample size requirements may be smaller than what literature previously reported. Further, when sample size requirements cannot be met, this research develops and assesses re-sampling methods as a means to augment small samples for estimation. The operational community, DCGS FMV, has a small population of 1,000 and limited access to analysts. This research provides distributions based on Subject Matter Expert (SME) opinion for re-sampling methods to the DCGS FMV Level-3 and Level-4 HLMs. These findings provide a foundation on which sample size recommendations and extrapolation techniques for HLM are made. Such recommendations and techniques with SME input provide simulation based HLM assessments that can give initial recommendations with limited associated cost, analyst and researcher time,

and resources. These are initial steps towards advancing the Air Force's capabilities and mission understanding for human-machine based systems.

To my husband and children.

You are my world and I love you with all heart.

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Jennifer S. G. Lopez

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SAMPLE SIZE REQUIREMENTS AND CONSIDERATIONS FOR MODELS TO ASSESS HUMAN-MACHINE SYSTEM PERFORMANCE

I. Introduction

The objective of this research is to aid in the understanding of the human and machine workloads of a system through the development of sample size requirements and considerations for multi-level models assessing human-machine system performance. These requirements are necessary to appropriately model and estimate the overall performance of human-machine systems of organizations at four different levels (e.g. individual, group, unit and organization). These four levels modeled simultaneously, are known as a Level-4 model and will be assessed using Hierarchical Linear Models (HLMs).

HLMs are an extension of multiple regression analysis and can analyze the complex variability inherent in the multiple levels of organizational structures simultaneously, accounting for variability both within and between levels. Within organizational studies, the response of interest (system performance) is associated to the individuals and the group to which they belong.

The complex interrelated variability of the Level-4 model exists in many settings including the small population of the Air Force Distributed Common Ground System (AF DCGS) community, which consists of approximately 6,000 analysts total. This research focuses on the Full Motion Video (FMV) analysts, a subset of the AF DCGS community. FMV analysts are a small population od less than 1,000 analysts, even a census of data may not provide enough information to adequately estimate all the parameters within the Level-4 model depending on the phenomenon. Sample size

recommendations and augmentations for a Level-4 model is paramount in the design and analysis of an appropriate study, however such guidelines do not exist.

1.1 Research Objectives

To model and evaluate a Level-4 HLM, such as for the AF DCGS FMV human-machine system's performance, the data requirements and collection for the design and implementation must first be determined. These requirements are addressed by three primary objectives, which are:

Research Objective 1. Determine the sample size requirements for up to a Level-4 Hierarchical Linear Model (HLM).

Organizational structures of interest in this research may be modeled with 2-, 3-, or 4- levels. Although some recommendations exist for Level-2 HLMs, they are mostly computationally estimated. This research derives the formulas to create sample size criteria under a variety of scenarios for Level-2, Level-3 and Level-4 HLMs. Results for Level-2 HLMs are compared to some existing literature and both Level-3 and Level-4 HLM results add to the non-existing literature.

In order to accomplish the first primary objective, this research assesses a Level-4 model under the standard assumption of normally distributed responses. Under various model conditions at all levels, the sample size requirements for each level of the Level-4 model is determined and based upon criteria of adequate power for parameter estimation.

Research Objective 2. Develop and assess re-sampling based methods as a means to augment small samples for estimation in Level-2 and Level-3 HLMs.

When sample size criteria is not met, it is plausible that the existing data may be augmented to generate a sample large enough for estimation. Assessment of a re-sampling method will be accomplished by determining the effects of distribution

misspecification as a byproduct of the extrapolation of a small sample to meet sample size requirements. Similar to Research Objective 1, Level-2 and Level-3 recommendations will be determined. Monte Carlo simulations will be constructed to examine the effects of re-sampling on parameter estimation and model specification for each of the HLM levels considered (e.g. group and unit) and the overall system performance. Note that Level-4 HLM will be addressed through the specific application of interest to this research.

Objective 3. Demonstrate an application to the notional example of the AF DCGS community that will focus on utilizing HLM system augmentation of Research Objective 2 in order to explore the effects of autonomy on the AF DCGS community Level-3 and Level-4 HLMs. This work will utilize and extend the recommendations and criteria established in Research Objective 1 and Research Objective 2.

The AF DCGS FMV community application will incorporate known Level-4 HLM predictor data with simulated novice versus expert analyst distribution error variance terms. This will help to determine how sensitive the system is to automation-modifications when comparing novice versus expert analysts in a DCGS FMV Level-3 and Level-4 HLM.

The objectives of this research provide a foundation to develop sample size requirements and considerations in order to evaluate measures of merit with respect to the overall performance of the human and machine workload of a system across different levels of an organizational structure, especially for small populations. HLM, the statistical modeling tool and technique, is proposed as the means to develop this analysis because it can be applied to the nested organizational structures in order to quantify the interrelated effects of each level of the organization on system performance. Research Objective 1 will define appropriate sample size requirements when designing a

Level-4 HLM and the results of Research Objective 2 will provide guidance as to the usefulness of re-sampling in order to meet necessary sample size requirements for a Level-2 and Level-3 HLM. These objectives together with a Level-4 applied application will generally be used to inform the analysis for HLMs with small sample sizes, and the HLM application will describe the functionality of the AF DCGS community notional example with respect to appropriate processes of merit.

1.2 Air Force Need

The Air Force Chief Scientist's 2010 S&T Vision "Technology Horizons" identifies key science and technology focus areas needed for 2030 [5]. The need for access to military systems is vital because future operational missions will consist of longer durations, overly highly populated areas, in dynamic environments and involve communication disruptions. Therefore, improving Intelligence, Surveillance, Reconnaissance (ISR) is essential. The manpower costs and resources associated with processing, exploitation, and dissemination (PED) of ISR data is significant and will continue to increase. Despite uncertainties in ISR future budget and funding, especially with respect to manpower, the Air Force must learn to operate in an environment with limited resources. To improve mission effectiveness with reduced manpower, the 2010 "Technology Horizon" suggests the need for autonomous systems that will improve the situational awareness of analysts (i.e. decision-makers) and enhance their understanding and knowledge of the mission.

Some literature suggests automation and autonomy are synonyms [3, 12]. To distinguish automation from autonomy, the Air Force Research Laboratory (AFRL) Autonomy Science and Technology Strategy of 2013 [4], defines automation and autonomy as follows:

> Automation: The system functions with no/little human operator involvement; however, the system performance is limited to the specific actions it has been designed to do. Typically these are well-defined tasks that have predetermined responses (i.e., simple rule-based responses).
>
> Autonomy: Systems which have a set of intelligence-based capabilities that allow it to respond to situations that were not pre-programmed or anticipated in the design (i.e., decision-based responses). Autonomous systems have a degree of self-government and self-directed behavior (with the human's proxy for decisions).

In a static or predictive environment, automation and autonomy can be used interchangeably to analyze a fixed mission because the tasks are well-defined. However, the AF operates in complex and contested environments with complex machines and systems such as unmanned air vehicles (UAVs). For UAVs to operate in this environment not only is a pilot and sensor operator needed, but many other resources are required, such as: manning, administration, maintenance, and PED.

Current UAV success is partially attributed to having access to continuous and mostly uninterrupted imagery and data. Although, this is not the case for possible future operations because future operations need to be able to occur in dynamic, anti-access, area denial (A2AD) environments across multiple domains such as: air, land, and cyber. To meet future needs and to operate effectively, human-machine systems, such as UAVs, must be optimized to maintain a high caliber of mission performance. An optimization approach to understand and utilize autonomous systems is to increase use of our resources while decreasing cost. These systems will not replace the analysts, but will have the capability and freedom to self-direct with the analysts as a proxy for decisions to achieve mission objectives.

Thus, research in this area will be conducted through the use of 'self-governing' autonomous systems and validated by assessing the system's efficiency both prior to and after the automation for both the novice and expert analysts. In addition, this research will inform the Autonomy Science & Technology (S&T) Challenges for DoD

and Industry Partners [3, 4] by enabling and calibrating trust between human and machine; creating an environment for flexible and effective decision making; advancing data-driven analytics; and expanding test, evaluation, validation, and verification. These improvements will be realized in a cost effective simulated environment across multiple operational domains and incorporate scenario-based testing. Providing the appropriate modeling and design for data collection and analysis becomes paramount, and sampling characteristics for the construction of appropriate modeling are required. The research objectives proposed in this dissertation are the first step towards achieving this goal.

The remainder of this dissertation is outlined as follows. Chapter II is a review of the statistical modeling tool and technique, HLM, and an overview of current sample size studies and requirements for HLM models. Chapter III presents the Level-2, Level-3, and Level-4 HLM general model, assumptions, and derives the sample size requirements for a Level-4 HLM with a single predictor at all levels (individual, group, unit, and organization). As a byproduct, requirements for a Level-2 and Level-3 model with equally weighted single predictor at Level 2 and 3 are proposed. Chapter IV presents the effects of re-sampling based methods for up to a Level-3 HLM and provides recommendations on when such techniques are appropriate. Chapter V gives a notional Level-4 HLM example. Finally, Chapter VI provides a final discussion and and future work.

II. Background

This section reviews the structure of Hierarchical Linear Models (HLMs) and current sample size guidelines for design considerations. To develop the requirements and considerations for models, this research proposes using HLMs to analyze a system's performance. The following sections describe the HLMs and general properties needed to expand and complete the proposed research objective.

2.1 Hierarchical Linear Model (HLM)

Hierarchical Linear Models (HLMs), also known as multilevel models, are an extension of regression analyses. They are used to analyze nested data sets with complex patterns of variability and may be used to analyze relations among different levels (i.e., Level-1, Level-2, Level-3, and Level-4). In HLMs, the data are divided into different levels in which the individuals, or subjects, at Level-1 may be dependent because they are nested into larger clusters, called groups. The use of HLMs to assess nested data is preferred over standard multivariate analysis because the dependency of the data violates the assumption of multivariate independence of all observations [10, 14, 15, 17, 19, 26, 31, 34, 42, 37, 35]. Further, modeling all levels simultaneously makes for efficient estimation of the effects (and variability) associated within and between each level of the HLM.

Notationally, to be consistent with the literature, the lowest level, Level-1, represents the individuals or subjects, Level-2 represents the group (i.e. cluster of individuals), Level-3 represents the unit (i.e. cluster of groups), and Level-4 represents the organization (i.e. cluster of units). As the number of levels increases, the higher levels in which subjects are nested are denoted with subsequent level numbering such as Level-1, Level-2, Level-3, Level-4, and so on.

HLMs allow researchers to simultaneously study the effects of group level variables and individual level variables. That is, HLMs measure how variables at one level affect relations occurring at another. These types of models consider error terms at each level that normal regression does not. These error terms are no longer independent across levels, but nested. Each level of nested data is associated with variability that has a distinct interpretation and affects the model parameter estimates [45]. For example, a school district's math score can be thought of as the following Level-4 HLM (Figure 1): student math scores (Level-1) are nested within classroom math scores, classroom math scores (Level-2) are nested within school math scores, and school math scores (Level-3) are nested within the district math score (Level-4).

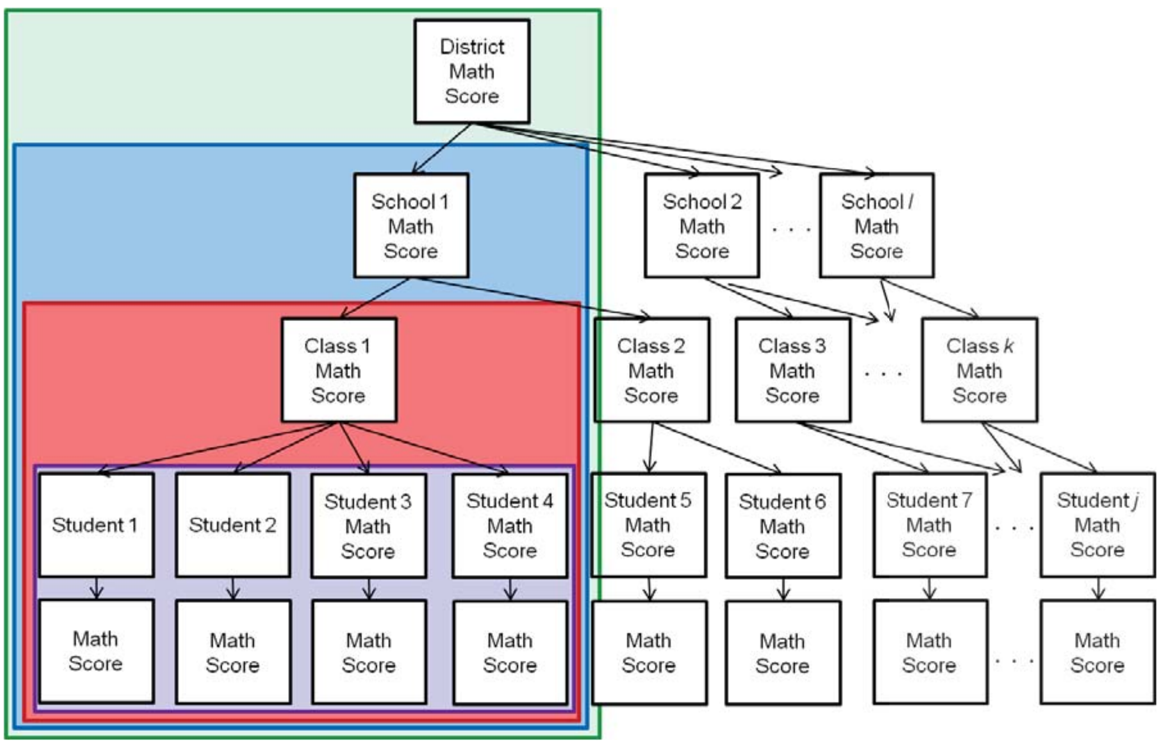

Figure 1. Conceptual image of HLM Level-4 school district math scores

Conceptually, it is useful to think of HLMs as a hierarchical system of regression equations. Although, HLM is an extension of multiple linear regression, the model is more complicated. The predictors or explanatory variables, are measured at all

levels (i.e. Level-1, Level-2, Level-3 or Level-4), the number of parameters is larger, cross-level interactions must be considered, and there are one or more error terms at each level.

The cross-level interaction terms allow researchers to test hypotheses about how variables measured at one level affect relations occurring at another level. For example, within social research studies of schools, a researcher might be interested in whether there is an effect between student math scores (i.e. Level-1) and a teacher's education level (e.g. Level-2), or whether there is an effect between a student's math score (i.e. Level-1) and whether the school offers private or public education (i.e. Level-3).

These relations can be represented pictorially through the diagrams of path models [44]. Path, or structural, models are graphical representations of the equations that relate dependent variables to their independent explanatory variables. These models allow researchers to visually see theories or hypotheses, and physically manipulate the models to test changes. Underlying the path model is a system of equations, also known as the measurement model.

Path models are composed of two types of variables (manifest and latent) and directional arrows (both single- and double- headed). Manifest variables, graphically denoted by squares and rectangles, are observed variables that are directly measured. Whereas, latent variables, graphically denoted by circles and ovals, are unobserved variables that are indirectly measured. That is, latent variables are inferred by the responses of indicators. Indicators are manifest variables used to measure the latent variables. The indicators must clearly measure the same underlying construct (i.e. be correlated with one another) and have been validated through previous research. For example in Figure 2, within the PED, the possible indicator variables (number of details, number of Essential Elements of Information (EEIs) verbalized, and time from

event occurrence to spoken) measure workload for the Eyes On analyst (a position within the PED cell of DGS-SOF, which is discussed in detail in Chapter V). Other examples of indicator variables for the Eyes On analyst are objective (e.g. number of units produced per hour) and subjective measures (e.g. responses to a questionnaire).

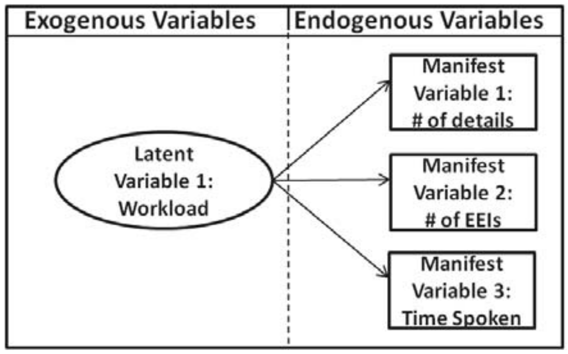

Figure 2. Example path model of possible endogenous variables that measure the exogenous variable (i.e. indicator variables) workload for the Eyes On Analysts.

The model representation for between levels, also known as a between model, is defined by single- and double- headed arrows. Single-headed arrows represent the impact of one variable on another. That is, single-headed arrows point to endogenous (dependent) variables, variables whose variability is predicted to be casually affected by other variables in the model. Independent variables, also known as exogenous variables, are variables that are influenced only by external factors that lie outside of the casual model. Therefore, single-headed arrows do not point to exogenous variables, unless referring to residual error.

A double-headed arrow represents a bidirectional casual relationship that makes no hypothesis as to which variable influences which. In other words, a double headed-arrow connecting two variables represents a covariance or a correlation between the variables.

Within path models, the independent variables at a lower level (e.g. Level-2) are represented as dependent variables at the next level (e.g. Level-3). Pictorially, they are circles and ovals at the next level, instead of the prior squares and rectangles.

That is, manifest variables at a lower level become latent variables at the higher level. This is illustrated in the path models and shown in the measurement models of the next section.

2.2 General Level-4 Hierarchical Linear Model (HLM) Measurement Model

Each of the four levels considered with multiple predictors has an associated HLM diagram and measurement model. This section outlines the associated HLM diagrams and measurement models for each level of the Level-4 HLM by building the model one level at a time. In general, Level-1 predictors, A_{ijkl}, vary such that $i = 1, ..., n$, Level-2 predictors, X_{ijkl}, vary such that $j = 1, ..., g$, Level-3 predictors, W_{ijkl}, vary such that $k = 1, ..., h$, and Level-4 predictors, Z_{ijkl}, vary such that $l = 1, ..., f$.

General Level-1 HLM Measurement Model for n Individual Predictors at Level-1.

A Level-1 structural model, shown in Figure 3, has n manifest exogenous variables (denoted A_{1jkl}, A_{2jkl}, ..., A_{njkl}) and one response endogenous variable (denoted Y_{ijkl}). Y_{ijkl} is measured by the linear combination of coefficients $\pi_{1jkl}, \pi_{2jkl}, ..., \pi_{njkl}$ and manifest variables A_{1jkl}, A_{2jkl}, ..., A_{njkl}, represented by single-headed arrows. The manifest variables A_{1jkl}, A_{2jkl}, ..., A_{njkl} are correlated and the correlation is represented by double-headed arrows.

Within each individual unit i, the general Level-1 HLM models the individual unit of interest as a function of individual level predictors plus a random individual-level

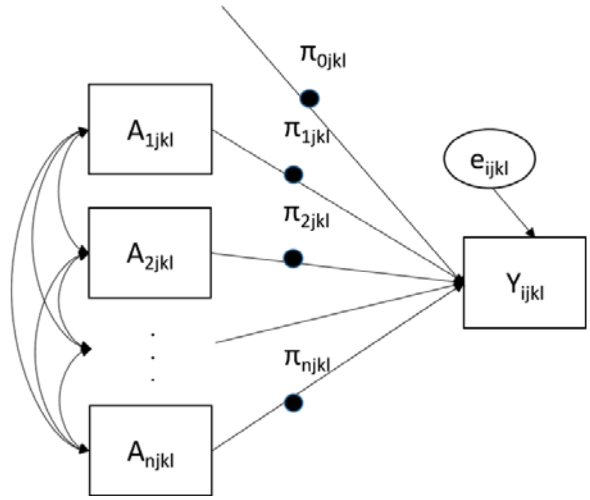

Figure 3. General Level-1 HLM model for n individual predictors such that: the manifest variables $A_{1jkl}, A_{2jkl}, ..., A_{njkl}$ are correlated, $A_{1jkl}, A_{2jkl}, ..., A_{njkl}$ measure Y_{ijkl}, Y_{ijkl} has an associated error (represented by a single arrow in the diagram), and each manifest variable has a coefficient represented as $\pi_{1jkl}, \pi_{2jkl}, ..., \pi_{njkl}$ in the diagram and measurement model.

error. That is, the Level-1 HLM for n individual predictors is:

$$\begin{aligned} Y_{ijkl} &= \pi_{0jkl} + \pi_{1jkl}A_{1jkl} + \pi_{2jkl}A_{2jkl} + ... + \pi_{njkl}A_{njkl} + e_{ijkl} \\ &= \pi_{0jkl} + \sum_{i=1}^{n} \pi_{ijkl}A_{ijkl} + e_{ijkl} \end{aligned} \tag{1}$$

where:

Y_{ijkl} is the outcome variable of individual i, in group j, unit k, and organization l;

π_{0jkl} is the intercept for group j, unit k, and organization l;

A_{ijkl} are the $i = 1, ..., n$ Level-1 predictors (individual-level explanatory variables);

π_{ijkl} are the Level-1 coefficients that indicate the direction and strength of association between each Level-1 predictor, A_{ijkl}, and the outcome in group jkl;

e_{ijkl} is the Level-1 random effect that represents the deviation of individual $ijkl$ from the predicted value based on the individual-level model. Such that: $e_{ijkl} \sim$

$N(0, \sigma^2_{e_{ijkl}})$.

General Level-2 HLM Measurement Model for n Individual Predictors at Level-1 and g Group Predictors at Level-2.

The second level of an HLM shown in Figure 4, has g manifest exogenous variables (denoted X_{ijkl} such that $j = 1, 2, ..., g$) and ng response endogenous variable (denoted π_{1jkl}, $\pi_{2jkl}, ..., \pi_{njkl}$). The response variables are measured by manifest variable X_{ijkl}, and represented by single-headed arrows, such that X_{i1kl}, X_{i2kl}, ..., X_{igkl} are correlated. Each manifest variable has a coefficient denoted as $\beta_{00kl}, \beta_{01kl}, ..., \beta_{ngkl}$.

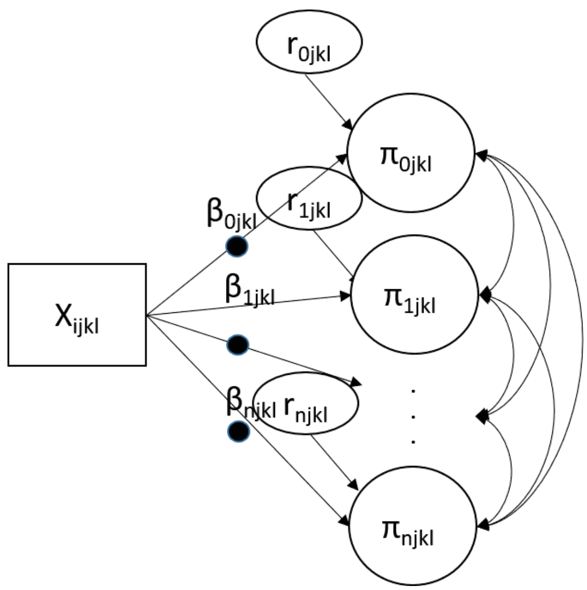

Figure 4. Level-2 HLM model for n individual predictors on Level-1 and g group predictors on Level-2 such that: the manifest variables $X_{i1kl}, X_{i2kl}, ...X_{igkl}$, illustrated as X_{igkl}, are correlated (not shown), $X_{i1kl}, X_{i2kl}, ..., X_{igkl}$ measure $\pi_{1jkl}, ..., \pi_{njkl}$, and each manifest variable has a coefficient represented as $\beta_{0jkl}, \beta_{1jkl}, ..., \beta_{njkl}$ in the diagram.

Each of the Level-1 coefficients, π_{ijkl}, defined in the Level-1 HLM of Equation 1, becomes an outcome variable in the Level-2 HLM measurement model where:

$$\pi_{0jkl} = \beta_{00kl} + \beta_{01kl}X_{i1kl} + \beta_{02kl}X_{i2kl} + ... + \beta_{0gkl}X_{igkl} + r_{0jkl},$$
$$\pi_{1jkl} = \beta_{10kl} + \beta_{11kl}X_{i1kl} + \beta_{12kl}X_{i2kl} + ... + \beta_{1gkl}X_{igkl} + r_{1jkl},$$
$$\vdots$$
$$\pi_{njkl} = \beta_{n0kl} + \beta_{n1kl}X_{i1kl} + \beta_{n2kl}X_{i2kl} + ... + \beta_{ngkl}X_{igkl} + r_{njkl},$$

such that:

$$\pi_{ijkl} = \beta_{i0kl} + \sum_{j=1}^{g} \beta_{ijkl}X_{ijkl} + r_{ijkl} \tag{2}$$

where:

β_{i0kl} is the intercept for unit k in modeling the team effect π_{ijkl};

X_{ijkl} are the $j = 1, ..., g$ Level-2 predictors (group-level explanatory variable);

$\beta_{.jkl}$ are the Level-2 coefficients that indicate the direction and strength of association between each Level-2 predictor, X_{ijkl}, and $\pi_{.jkl}$;

r_{ijkl} is the Level-2 random effect that represents the deviation of group jkl's Level-1 coefficient, $\pi_{.jkl}$, from its predicted value based on the group-level model. Assume that the r_{ijkl}'s are normally distributed such that: $r_{ijkl} \sim N(0, \sigma^2_{r_{ijkl}})$.

By substitution of Equation 2 into Equation 1, the combined Level-2 HLM for n individual predictors on Level-1 and g predictors on Level-2 is

$$\begin{aligned} Y_{ijkl} = {} & (\beta_{00kl} + \beta_{01kl}X_{1kl} + \beta_{02kl}X_{2kl} + ... + \beta_{0gkl}X_{gkl} + r_{0jkl}) \\ & + (\beta_{10kl} + \beta_{11kl}X_{.1kl} + \beta_{12kl}X_{.2kl} + ... + \beta_{1gkl}X_{.gkl} + r_{1jkl})A_{1jkl} \\ & + ... + (\beta_{n0kl} + \beta_{n1kl}X_{.1kl} + \beta_{n2kl}X_{.2kl} + ... + \beta_{ngkl}X_{.gkl} + r_{njkl})A_{njkl} + e_{ijkl} \end{aligned} \tag{3}$$

such that: $Cov(e_{ijkl}, r_{ijkl}) = 0$, $\forall ijkl$. Note that the product of A_{ijkl}'s and X_{ijkl}'s represent the cross-level interactions.

General Level-3 HLM Measurement Model for n Individual Predictors at Level-1, g Group Predictors at Level-2, and h Unit Predictors at Level-3.

The 3rd level of an HLM, shown in Figure 5, has h manifest exogenous variables (denoted W_{ijkl} such that $k = 1, 2, ..., h$) and ngh response endogenous variable (denoted β_{00kl}, $\beta_{01kl}, ..., \beta_{ngkl}$). The response variables are measured by manifest variable W_{ijkl}, and represented by single-headed arrows, such that W_{ij1l}, W_{ij2l}, ..., W_{ijhl} are correlated. Each manifest variable has a coefficient denoted $\gamma_{000l}, \gamma_{001l}, ..., \gamma_{nghl}$.

Each of the Level-2 coefficients, $\beta_{..kl}$, defined in the general Level-2 HLM of Equation 3, becomes an outcome variable in the Level-3 HLM measurement model where:

$$\begin{aligned}
\beta_{00kl} &= \gamma_{000l} + \gamma_{001l}W_{ij1l} + \gamma_{002l}W_{ij2l} + ... + \gamma_{00hl}W_{ijhl} + u_{00kl}, \\
\beta_{01kl} &= \gamma_{010l} + \gamma_{011l}W_{ij1l} + \gamma_{012l}W_{ij2l} + ... + \gamma_{01hl}W_{ijhl} + u_{01kl}, \\
&\vdots \\
\beta_{ngkl} &= \gamma_{ng0l} + \gamma_{ng1l}W_{ij1l} + \gamma_{ng2l}W_{ij2l} + ... + \gamma_{nghl}W_{ijhl} + u_{ngkl},
\end{aligned}$$

such that:

$$\beta_{ijkl} = \gamma_{ij0l} + \sum_{k=1}^{h} \gamma_{ijkl}W_{ijkl} + u_{ijkl} \tag{4}$$

where:

γ_{ij0l} is the overall intercept in modeling the unit effect β_{ijkl};

W_{ijkl} are the $k = 0, 1, ..., h$ Level-3 predictors (unit-level explanatory variable);

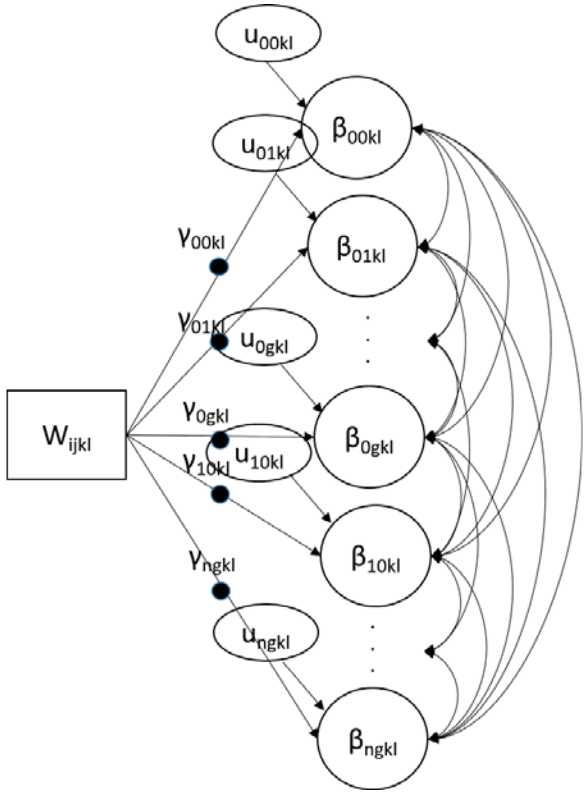

Figure 5. Level-3 HLM model for n individual predictors on Level-1, g group predictors on Level-2, and h unit predictors on Level-3 such that: the manifest variables $W_{ij11}, W_{ij21}, ...W_{ijh1}$, illustrated as W_{ijk1}, are correlated (not shown), $W_{ij11}, W_{ij21}, ..., W_{ijh1}$ measure $\beta_{00kl}, \beta_{01kl}, ..., \beta_{ngkl}$, and each manifest variable has a coefficient $\gamma_{00kl}, \gamma_{01kl}, ..., \gamma_{ngkl}$ in the diagram.

γ_{ijkl} are the Level-3 coefficients that indicate the direction and strength of association between each Level-3 predictor, W_{ijkl}, and β_{ijkl};

u_{ijkl} are the Level-3 random effect that represents the deviation of unit k's Level-2 coefficient, β_{ijkl}, from its predicted value based on the unit-level model. Assume that the u_{ijkl}'s are normally distributed such that: $u_{ijkl} \sim N(0, \sigma^2_{u_{ijkl}})$.

By substitution of Equation 4 into Equation 3, the Level-3 HLM with n individual predictors on Level-1, g group predictors on Level-2, and h unit predictors on Level-3 is given by:

$$
\begin{aligned}
Y_{ijkl} = &((\gamma_{000l} + \gamma_{001l}W_{1l} + \gamma_{002l}W_{2l} + ... + \gamma_{00hl}W_{hl} + u_{00kl}) \\
&+ (\gamma_{010l} + \gamma_{011l}W_{1l} + \gamma_{012}W_{2l} + ... + \gamma_{01hl}W_{hl} + u_{01kl})X_{1kl} + ... \\
&+ (\gamma_{0g0l} + \gamma_{0g1l}W_{1l} + \gamma_{0g2l}W_{2l} + ... + \gamma_{0ghl}W_{hl} + u_{0gkl})X_{nkl} + r_{0jkl}) \\
&+ \sum_{k=1}^{g}\sum_{j=1}^{g}\sum_{i=1}^{n}((\gamma_{ij0l} + \gamma_{ijk}W_{.1k} + \gamma_{ijk}w_{.2k} + ... + \gamma_{ijk}W_{hl})X_{jkl} + r_{ijkl})A_{ijkl} + e_{ijkl},
\end{aligned}
\tag{5}
$$

such that: $Cov(e_{ijkl}, r_{ijkl}) = Cov(e_{ijkl}, u_{ijkl}) = Cov(r_{ijkl}, u_{ijkl}) = 0$, $\forall ijkl$. Note that the product of A_{ijkl}'s, X_{ijkl}'s, and $W_{..kl}$'s represent the cross-level interactions.

General Level-4 HLM Measurement Model for n Individual Predictors at Level-1, g Group Predictors at Level-2, h Unit Predictors on Level-3, and f Organization Predictors at Level-4.

The 4th level of an HLM, shown in Figure 6, has f manifest exogenous variables (denoted Z_{ijkl} such that $l = 1, 2, ..., f$) and $nghf$ response endogenous variables (denoted $\gamma_{000l}, \gamma_{001l}, ..., \gamma_{nghl}$. The response variables are measured by manifest variable Z_{ijkl}, represented by single headed arrows, such that $Z_{ijk1}, Z_{ijk2}, ..., Z_{ijkf}$ are correlated. Each manifest variable has a coefficient denoted $\delta_{0000}, \delta_{0001}, ..., \delta_{nghf}$.

Each of the Level-3 coefficients, γ_{ijkl}, defined in the general Level-3 HLM of Equation 5, becomes an outcome variable in the Level-4 HLM measurement model where:

$$
\begin{aligned}
\gamma_{000l} &= \delta_{0000} + \delta_{0001}Z_{ijkl} + \delta_{0002}Z_{ijk2} + ... + \delta_{000f}Z_{ijkf} + v_{000l}, \\
\gamma_{001l} &= \delta_{0010} + \delta_{0011}Z_{ijk1} + \delta_{0012}Z_{ijk2} + ... + \delta_{001f}Z_{ijkf} + v_{001l}, \\
&\vdots \\
\gamma_{nghl} &= \delta_{ngh0} + \delta_{ngh1}Z_{ijk1} + \delta_{ngh2}Z_{ijk2} + ... + \delta_{nghf}Z_{ijkf} + v_{nghl},
\end{aligned}
$$

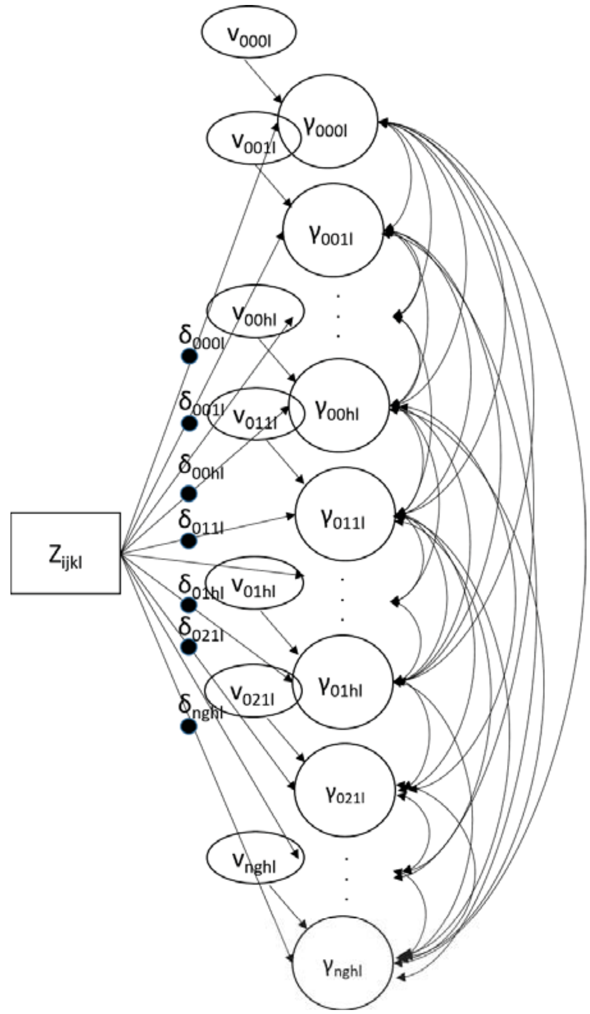

Figure 6. General Level-4 HLM diagram for n individual predictors on Level-1, g group predictors on Level-2, h unit predictors on Level-3, and f organization predictors on Level-4 such that: the manifest variables $Z_{ijk1}, Z_{ijk2}, ...Z_{ijkf}$, illustrated as Z_{ijkl}, are correlated (not shown), $Z_{ijk1}, Z_{ijk2}, ..., Z_{ijkf}$ measure $\gamma_{000l}, \gamma_{001l}, ..., \gamma_{nghl}$, and each manifest variable has a coefficient $\delta_{000l}, \delta_{001l}, ..., \delta_{nghl}$ in the diagram.

such that:

$$\gamma_{ijkl} = \delta_{ijk0} + \sum_{l=1}^{f} \delta_{ijkl} Z_{ijkl} + v_{ijkl} \tag{6}$$

where:

δ_{ijk0} is the intercept for organization l in modeling the unit effect γ_{ijkl};

Z_{ijkl} are the $l = 0, 1, ..., f$ Level-4 predictors (organization-level explanatory variable);

δ_{ijkl} are the Level-4 coefficients that indicate the direction and strength of association between each Level-4 predictor, Z_{ijkl}, and the γ_{ijkl};

v_{ijkl} are the Level-4 random effect that represents the deviation of organization l's Level-3 coefficient, γ_{ijkl}, from its predicted value based on the organization-level model. Assume that the v_{ijkl}'s are normally distributed such that: $v_{ijkl} \sim N(0, \sigma^2_{v_{ijkl}})$.

By substitution of Equation 6 into Equation 5, the Level-4 HLM with n individual predictors on Level-1, g group predictors on Level-2, h unit predictors on Level-3, and f organizational predictors on Level-4, is given by:

$$
\begin{aligned}
Y_{ijkl} = {} & (((\delta_{0000} + \delta_{0001} Z_{ijk1} + \delta_{0002} Z_{ijk2} + ... + \delta_{000f} Z_{ijkf} + v_{000l}) \\
& + (\delta_{0010} + \delta_{0011} Z_{ijk1} + \delta_{0012} Z_{ijk2} + ... + \delta_{001f} Z_{ijkf} + v_{001l}) W_{ij1l} + ... \\
& + (\delta_{00h0} + \delta_{00h1} Z_{ijk1} + \delta_{00h2} Z_{ijk2} + ... + \delta_{00hf} Z_{ijkf} + v_{00hl}) W_{ijhl} + u_{00kl}) \\
& + ((\delta_{0100} + \delta_{0101} Z_{ijk1} + \delta_{0102} Z_{ijk2} + ... + \delta_{010f} Z_{ijkf} + v_{010l}) + ... \\
& + (\delta_{0gh0} + \delta_{0gh1} Z_{ijk1} + \delta_{0gh2} Z_{ijk2} + ... + \delta_{0ghf} Z_{ijkf} + v_{0ghl}) W_{ijhl} + u_{0gkl}) X_{ijkl} + r_{0jkl}) \\
& + \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (((\delta_{ijk0} + \delta_{ijk1} Z_{ijkl} + \delta_{ijk2} Z_{ijk2} + ... + \delta_{ijkl} Z_{ijkl}) W_{ijkl} \\
& + ... + u_{ijkl}) X_{ijkl} + r_{ijkl}) A_{ijkl} + e_{ijkl}
\end{aligned}
\tag{7}
$$

such that:

$Cov(e_{ijkl}, v_{ijkl}) = Cov(e_{ijkl}, u_{ijkl}) = Cov(e_{ijkl}, r_{ijkl}) = Cov(r_{ijkl}, v_{ijkl}) = Cov(r_{ijkl}, u_{ijkl}) = Cov(u_{ijkl}, v_{ijkl}) = 0, \forall ijkl$. Note that the product of A_{ijkl}'s, X_{ijkl}'s, W_{ijkl}'s, and Z_{ijkl}'s represent the cross-level interactions.

Intraclass Correlation.

The accuracy of the parameter estimates and the amount of dependency within HLMs is measured through the intraclass correlation (ICC), denoted ρ [16]. For a Level-2 HLM, the ICC is the expected correlation between any two randomly chosen individuals in the same group [19]. To determine if additional levels within the HLM are useful to assess a response variable of interest, the variance for a given level is partitioned into within- and between- cluster components. Formally, the ICC is defined as the proportion of individual-level and group-level variance compared to the total variance. That is, the ICC values for a Level-2 HLM are as follows:

Proportion of variance of individuals for a Level-2 HLM (Level-1)

$$ICC2_1 = \sigma^2_{e_{ij}}/(\sigma^2_{e_{ij}} + \sigma^2_{r_{ij}}) \tag{8}$$

Proportion of variance among groups for a Level-2 HLM (Level-2)

$$ICC2_2 = \sigma^2_{r_{ij}}/(\sigma^2_{e_{ij}} + \sigma^2_{r_{ij}}) \tag{9}$$

such that the within-variance and between-variance are denoted $\sigma^2_{e_{ij}}$ and $\sigma^2_{r_{ij}}$, respectively. For a Level-2 HLM, if there is little or no variation in the outcome between Level-2 groups, then there is no need for Level-2 variables in the HLM analysis. In general, the ICC ranges from 0 to 1 such that larger values represent higher correlation. Depending on how ICC is calculated, in general, a low ICC close to zero implies that individuals (Level-1) from the same group (Level-2) are non-homogeneous. A high ICC close to 1 indicates there is a strong relationship between individuals within the same group. That is, the groups are relatively homogeneous.

Although ICC values are study and application dependent, in general, previous Level-2 HLM analyses have considered ICC values to be low, medium, and high for 0.1,

0.3, and 0.5, or 0.7, respectively [6, 27, 28, 42]. Using these assumed ICC values and a fixed Level-1 variance distribution, denoted $\sigma^2_{e_{ij}}$, the Level-2 variance distribution, $\sigma^2_{r^2_{ij}}$, can be determined for low, medium, and high ICC. This calculation is useful for sample size calculations. In practice, variances are observed and ICCs are calculated from these observed values.

Because the ICC indicates the proportion of the variance explained by the level of interest, ICC values can be captured for each level in an HLM. Therefore, the Level-2 HLM ICC formula can be extended to Level-3 and Level-4 HLMs. For greater than Level-2 ICC calculations, such as Level-3, if the Level-2 HLM variables are not significant, but the Level-3 variables are, then simple linear regression will not work and the need fo rmulti-level modeling is necessary. The ICC values for a Level-3 HLM are as follows:

Proportion of variance of individuals for a Level-3 HLM (Level-1)

$$ICC3_1 = \sigma^2_{e_{ijk}}/(\sigma^2_{e_{ijk}} + \sigma^2_{r_{ijk}} + \sigma^2_{u_{ijk}}) \tag{10}$$

Proportion of variance among groups for a Level-3 HLM (Level-2)

$$ICC3_2 = \sigma^2_{r_{ijk}}/(\sigma^2_{e_{ijk}} + \sigma^2_{r_{ijk}} + \sigma^2_{u_{ijk}}) \tag{11}$$

Proportion of variance among units for a Level-3 HLM (Level-3)

$$ICC3_3 = \sigma^2_{u_{ijk}}/(\sigma^2_{e_{ijk}} + \sigma^2_{r_{ijk}} + \sigma^2_{u_{ijk}}) \tag{12}$$

The ICC values for a Level-4 HLM are as follows:

Proportion of variance of individuals for a Level-4 HLM (Level-1)

$$ICC4_1 = \sigma^2_{e_{ijkl}} / (\sigma^2_{e_{ijkl}} + \sigma^2_{r_{ijkl}} + \sigma^2_{u_{ijkl}} + \sigma^2_{v_{ijkl}}) \tag{13}$$

Proportion of variance among groups for a Level-4 HLM (Level-2)

$$ICC4_2 = \sigma^2_{r_{ijkl}} / (\sigma^2_{e_{ijkl}} + \sigma^2_{r_{ijkl}} + \sigma^2_{u_{ijkl}} + \sigma^2_{v_{ijkl}}) \tag{14}$$

Proportion of variance among units for a Level-4 HLM (Level-3)

$$ICC4_3 = \sigma^2_{u_{ijkl}} / (\sigma^2_{e_{ijkl}} + \sigma^2_{r_{ijkl}} + \sigma^2_{u_{ijkl}} + \sigma^2_{v_{ijkl}}) \tag{15}$$

Proportion of variance among organizations for a Level-4 HLM (Level-4)

$$ICC4_4 = \sigma^2_{v_{ijkl}} / (\sigma^2_{e_{ijkl}} + \sigma^2_{r_{ijkl}} + \sigma^2_{u_{ijkl}} + \sigma^2_{v_{ijkl}}) \tag{16}$$

This research used the ICC definition based on proportion of variance, as given in Equation 8 to 16, to capture the ICC values, which is most common to HLMs. However, the ICCs can be calculated differently and each form of ICC has distinct assumptions and interpretations. Based on the type of study, McGraw and Wong (1996), outlined questions to best determine which ICC to use [32]. The ICC forms detailed in [32] are those calculated within software such as SPSS [43].

In practice, the ICC would not be known prior to a study. Therefore, in this research the error variance distribution terms were identified for each level of interest. For example, for a Level-2 HLM analysis both $\sigma^2_{e_{ij}}$ and $\sigma^2_{r_{ij}}$ were assumed and used to calculate the ICC. All ICC values within this research were found to be moderate (between 0.33 to 0.50) and comparable to previous research.

Estimation of Maximum Likelihood (ML).

In HLM analysis, estimation of the model parameters, both regression coefficients and variance terms, are typically obtained by maximum likelihood (ML). ML estimation methods are commonly used in HLM analysis because they are robust against model violations (e.g. non-normal errors) with large enough sample sizes and identify values that are most consistent with the sample data. ML methods, such as Restricted Maximum Likelihood (REML) and Full Maximum Likelihood (FML), are commonly used in HLM analysis, but due to their asymptotic nature, large sample sizes are needed. Therefore, small sample sizes can affect the accuracy of the HLM estimates and the associated standard errors. In the FML method, the regression coefficients and the variance components are included in the likelihood function, whereas in the REML method only the variance terms are included in the likelihood function and the regression coefficients are estimated in another step. That is, the REML likelihood function estimates the variance terms after removing the fixed effects from the model [16, 39]. Though in practice the difference between the two methods is small, some researchers state REML is preferred because it takes the uncertainty in the fixed parameters into account when estimating the random parameters [20, 23]. Thus, in theory REML should lead to better estimates of the variance components, especially when the number of groups is small [35]. Whereas, others state FML is preferred because computations are generally easier [21]. We note that most software such as Matlab, MPlus, and SAS can estimate parameters with both with the FML and REML methods. This research utilized the maximum likelihood REML because not only are small samples sizes considered, which REML provides better results for than FML, but REML was the ML of choice for other comparable research.

2.3 Current HLM Statistical Power Sample Size Requirements

Sample size determinations and collection processes are important to both observational and experimental studies because, for example, to interview 10 persons from 100 regions is easier and more cost effective than interviewing 1,000 people randomly. To determine sample size requirements, Maas and Hox (2005) suggest examining the accuracy of the parameter estimates and corresponding standard errors based on the number of clusters chosen for each level [28]. Here in this research, clusters are used to generally describe the different level groupings (i.e., group, unit, and organization) as a whole. In HLM analysis, determining the sample size is more difficult because there are parameters at more than one level, and the model includes fixed and random parts [21]. Sample size recommendations in testing is based on detectable differences (from the estimated coefficient $\hat{\mu}$ to the hypothesized parameter value μ_0) and estimated confidence intervals. For studies to have large enough detectable differences, sample size planning is necessary to reduce Type II (failing to reject a null hypothesis i.e., false negative) errors. To test the hypothesis that a particular parameter has no effect, a test statistic is computed for that parameter. In HLM, the test statistic is the estimated coefficient to its estimated standard error $t^* = \frac{\hat{\mu}}{s.e.(\hat{\mu})}$ [24]. Note, this is the test statistic when $H_0 : \mu = 0$. That is, whether or not the particular predictor variable has an effect on the response. If testing another value, say μ_0, the best statistic is in general $t^* = \frac{\hat{\mu}-\mu_0}{s.e.(\hat{\mu})}$. The hypothesis tests to determine significance for a fixed effect in general is:

$$H_0 : \mu = 0 \text{ and } H_A : \mu \neq 0$$

with $t^* = \frac{\hat{\mu}}{s.e.(\hat{\mu})}$, such that the decision rule with significance level α is:

$$|t^*| \leq t(1-\alpha/2; n-2) \text{ then conclude } H_0$$
$$|t^*| > t(1-\alpha/2; n-2) \text{ then conclude } H_A.$$

Note that for a Level-2 HLM test, the hypothesis tests to determine significance for a fixed effect is:

$$H_0 : \beta_{ij} = 0 \text{ and } H_A : \beta_{ij} \neq 0,$$

with $t^* = \frac{\hat{\beta}_{ij}}{s.e.(\hat{\beta}_{ij})}$. For a Level-3 HLM test, the hypothesis tests to determine significance for a fixed effect is:

$$H_0 : \gamma_{ijk} = 0 \text{ and } H_A : \gamma_{ijk} \neq 0$$

with $t^* = \frac{\hat{\gamma}_{ijk}}{s.e.(\hat{\gamma}_{ijk})}$, and for a Level-4 HLM test, the hypothesis tests to determine significance for a fixed effect is:

$$H_0 : \delta_{ijkl} = 0 \text{ and } H_A : \delta_{ijkl} \neq 0$$

with $t^* = \frac{\hat{\delta}_{ijkl}}{s.e.(\hat{\delta}_{ijkl})}$.

The statistical power, π, of a hypothesis is the probability of rejecting H_0 given that H_0 is false. The power of a statistical test is a function of the type I error (α), standard error ($s.e.(\hat{\mu})$) and the population estimated effect size ($\hat{\mu} - \mu$), where $\hat{\mu}$ is estimated from the model and μ_0 is the parameter of interest. These are represented in the following equation [13]:

$$\frac{\hat{\mu} - \mu_0}{s.e.(\hat{\mu})} \approx z_{1-\alpha/2} + z_\pi \tag{17}$$

This implies

$$z_\pi \approx -z_{1-\alpha/2} + \frac{\hat{\mu} - \mu_0}{s.e.(\hat{\mu})}. \tag{18}$$

Under the two-sided hypothesis test, H_0 is rejected when:

$$\begin{aligned}
P\left(\left|\frac{\hat{\mu} - \mu_0}{s.e.(\hat{\mu})}\right| > z_{1-\alpha/2}\right) &= 1 - P\left(\left|\frac{\hat{\mu} - \mu_0}{s.e.(\hat{\mu})}\right| \leq z_{1-\alpha/2}\right) \\
&= 1 - P\left(-z_{1-\alpha/2} \leq \frac{\hat{\mu} - \mu_0}{s.e.(\hat{\mu})} \leq z_{1-\alpha/2}\right) \\
&= 1 - P\left(-z_{1-\alpha/2} \leq \frac{\hat{\mu} - \mu}{s.e.(\hat{\mu})} + \frac{\mu - \mu_0}{s.e.(\hat{\mu})} \leq z_{1-\alpha/2}\right) \\
&= 1 - P\left(-z_{1-\alpha/2} \leq \frac{\hat{\mu} - \mu}{s.e.(\hat{\mu})} + \frac{\mu - \mu_0}{s.e.(\hat{\mu})} \leq z_{1-\alpha/2}\right) \\
&= 1 - P\left(-z_{1-\alpha/2} \leq \frac{\hat{\mu} - \mu}{s.e.(\hat{\mu})} + Z \leq z_{1-\alpha/2}\right) \\
&= 1 - P\left(-z_{1-\alpha/2} - \frac{\hat{\mu} - \mu}{s.e.(\hat{\mu})} \leq Z \leq z_{1-\alpha/2} - \frac{\hat{\mu} - \mu}{s.e.(\hat{\mu})}\right).
\end{aligned}$$

For large sample sizes (i.e., as $n \to \infty$), $\frac{\hat{\mu}-\mu}{s.e.(\hat{\mu})}$ follows a standard normal distribution when the alternative hypothesis is true. This implies

$$z_\pi \approx 1 - \Phi\left(-\frac{\hat{\mu} - \mu}{s.e.(\hat{\mu})} + z_{1-\alpha/2}\right), \tag{19}$$

where $z_{1-\alpha/2}$ is the z-value associated with the Type I error for a two-tailed test, z_π is the z-value associated with statistical power, estimated effect size is the magnitude of the true group difference, and standard error is the square root of the parameter variance [38, 42].

In HLM analysis, the parameter of interest, μ, represents generally the coefficients of the model. To calculate power of the coefficients, the variance of the estimators needs to be derived. The variance of the coefficient estimates are well defined for a single variable, as shown in Appendix A, and the formulas are extended to Level-3

and Level-4 HLM in the Chapter III.

Cohen (1988) suggests that power is moderate when estimated effect size is 0.50 and high when estimated effect size is at least 0.80 [11]. For a Level-2 HLM, to achieve a desired level of power given a relevant (hypothesized) estimated effect size and a chosen significance level (i.e., $\alpha = 0.05$) large samples are preferred in order to increase the precision of parameter estimates. To achieve a particular statistical power, the optimal sample sizes for each level must be determined. Currently, few sample size guidelines are referenced in the literature. Arend and Schafer (2019) found that HLM articles published between 2000 and 2016 in *Journal of Abnormal Psychology*, *Journal of Applied Psychology*, *Journal of Educational Psychology*, and *Journal of Personality and Social Psychology* consisted of 269 studies, of which only 9 studies included an exact determination of power [6]. Furthermore, these studies primarily exist for Level-2 HLMs, and the theory has not been translated to higher levels (e.g. Level-3 and Level-4) [7, 11].

The following referenced study conditions are for a single predictor at each level (Level-1, A_{ij}, and Level-2, X_{ij}), continuous predictors at each level, one cross-level interaction between predictors at each level ($A_{ij}X_{ij}$), and two random effects. Though, the associated study conditions (i.e. predictor distributions) are not always clearly addressed. The only case specifically specified consistently was $A_{ij} \sim N(0,1)$, $X_{ij} \sim N(0,1)$, $e_{ij} \sim N(0,1)$, and $r_{ij} \sim N(0,1)$.

Table 1. Level-2 sample size recommendations to achieve sufficient power of 80 %

		Level-2 Sample Size	Recommendations
Authors(s)	Reference(s)	Level-1	Level-2
Maas and Jox	[27, 28]	5 - 50	30 - 100
Kreft	[23]	30	30
Hox	[20]	20	50
Hoffman	[18]	20	50
		5	150

The sample size for each HLM level is defined as the number of clusters observed for that specific level [41]. The overall sample size total, N, is the product of the sample sizes at all the levels (e.g. $N = ng$ for Level-2 HLM). To achieve sufficient power, previous research for Level-2 HLM analysis found that a larger number of Level-2 groups appears to be more important than a large number of individuals per group (Level-1 sample size) [25, 33, 40]. Maas and Jox (2004, 2005) found that the appropriate number of Level-2 groups ranges from 30 to 100 and the number of Level-1 individuals range from 5 to 50 [27, 28].

Others suggest a common rule of thumb which is to have a minimum of 30 consistent clusters at Level-2 and at Level-1 [8, 23, 25]. Hox (1998) further refined this rule and recommended a minimum of 20 individuals (Level-1) for 50 groups (Level-2) [20]. Hoffman (1997) compared 30 individuals at Level-1 and 30 groups at Level-2 (for a total sample size of $N = 900$) to 5 individuals at Level-1 and 150 groups at Level-2 (for a total sample size of $N = 750$) and found that both approaches have the same power [18]. Though not shown, Snider and Bosker (2012) suggested a larger number of clusters at Level-2 and smaller number of clusters at Level-1 may still produce high levels of statistical power [42].

These sample size recommendations (summarized in Table Table 1) are contradictory to achievable samples sizes in many HLM applications. For many HLM analyses, the number of Level-2 groups is usually smaller than the number of Level-1 individuals. Further, as the number of levels increases (e.g. Level-3 and Level-4), the associated number of clusters decreases. For instance, in the AF DCGS application, the number of organizations is smaller than the number of units, the number of units is smaller than the number of teams (groups), and the number of teams is smaller than the number of analysts.

Sample size recommendations do not exist in the literature for Level-3 and Level-4

studies. However, there are statistical software applications, such as Optimal Design, which can compute statistical power for Level-2, Level-3 and Level-4 experimentation with treatment effects [22]. Treatment effects are primarily used for clinical type studies in which factor levels are varied and have associated variability equations with which to compute standard error used to calculate statistical power [30, 36]. However, these software calculations do not incorporate the goals of this research which focuses on continuous variables. In these studies, predictor variables have fixed, discrete levels and continuous predictor variables, such as those in the notional AF DCGS application, are not considered.

Typically, increasing the sample size improves model power and parameter estimates, but for most organizational research studies and populations of interest, this is not always possible as the sample may not exist or cannot be collected. Furthermore, financial constraints may not make sampling additional subjects feasible. In some applications, the sample size requirements may exceed the total population, especially in higher levels of the HLM. This research seeks to better define sample size requirements for Level-2, Level-3 and Level-4 HLMs, and define if resampling techniques may be used to achieve sufficient estimation and power for those scenarios in which sample size requirements cannot be met due to population or financial constraints.

III. Research Objective 1: Sample Size Requirements

This research considers HLMs with one predictor at each level and no predictor interactions within a given level. We assume that in each level, predictor effects are additive and therefore maybe represented through one predictor variable at each level. To understand the complexity of a Level-4 HLM in this scenario with a single predictor at each level and no predictor interactions within level, this research begins by first conceptualizing the Level-2 HLM. Then the Level-3 and Level-4 HLMs will be constructed. The Level-2, Level-3, and Level-4 HLMs were shown generally in the previous Chapter. For a Level-2 HLM, separate equations are developed for Level-1 (e.g. individuals) and for Level-2 (e.g. group) with a single predictor at Level-1 and Level-2 such that the predictors are independent at each level and across levels.

Within the following sections the standard error of the parameter estimates for Level-2, Level-3, and Level-4 are derived to determine the power of parameters by level expressed in Equation 19.

Level-1 of the HLM Measurement Model for 1 Individual Predictor at Level-1.

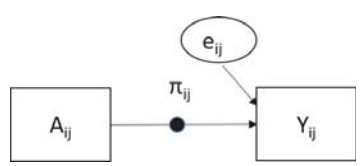

Figure 7. First level of an HLM structural model with 1 individual predictor at Level-2.

The Level-1 HLM equation, also known as the measurement model, for one individual predictor at Level-1, Figure 7, is:

$$Y_{ij} = \pi_{0j} + \pi_{1j}A_{ij} + e_{ij} \tag{20}$$

where:

Y_{ij} is the outcome variable of individual i and in group j;

π_{0j} is the intercept for group j;

A_{ij} is the Level-1 fixed predictor (individual-level explanatory) variable;

π_{1j} the Level-1 coefficient that indicates the direction and strength of association between the Level-1 predictor, A_{ij}, and the outcome in group j;

e_{ij} is the Level-1 random error that represents the deviation of individual ij from the predicted value based on the individual-level model, such that: $e_{ij} \sim N(0, \sigma_e^2)$.

Level-2 of the HLM Measurement Model for 1 Individual Predictor at Level-1 and 1 Group Predictor at Level-2.

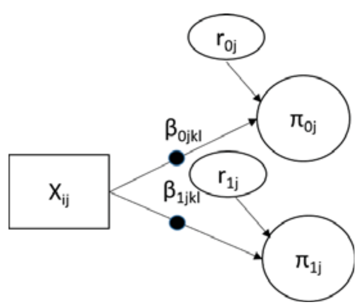

Figure 8. Second level of an HLM structural model with 1 group predictor at Level-2.

For Figure 8, the Level-1 coefficients (π_{0j} and π_{1j}), defined in Level-1 of the HLM expression in Equation 20, become outcome variables in Level-2 of the HLM measurement model. That is:

$$\begin{aligned} \pi_{0j} &= \beta_{00} + \beta_{01} X_{ij} + r_{0j}, \\ \pi_{1j} &= \beta_{10} + \beta_{11} X_{ij} + r_{1j}, \end{aligned} \tag{21}$$

where:

β_{00}, β_{10}: are the intercepts of the individual effect π_{ij};

X_{ij}: is the Level-2 predictor (group-level explanatory variable);

β_{01}, β_{11}: are the Level-2 coefficients that indicate the direction and strength of association between the Level-2 predictor, X_{ij}, and π_{ij};

r_{0j}, r_{1j}: are the Level-2 random errors that represent the deviation of group j's Level-1 coefficient, π_{ij}, from its predicted value based on the Level-2 model, such that: $r_{ij} \sim N(0, \sigma_r^2)$ and $Cov(r_{ij}, e_{ij}) = 0$ for all i and j.

By substitution of the expression from Equation 21 into Equation 20, the full model may be written out as:

$$\begin{aligned}
Y_{ij} &= (\beta_{00} + \beta_{01}X_{ij} + r_{0j}) + (\beta_{10} + \beta_{11}X_{ij} + r_{1j})A_{ij} + e_{ij} \\
&= \beta_{00} + \beta_{01}X_{ij} + r_{0j} + \beta_{10}A_{ij} + \beta_{11}X_{ij}A_{ij} + r_{1j}A_{ij} + e_{ij} \\
&= \beta_{00} + \beta_{01}X_{ij} + r_{0j} + \beta_{10}A_{ij} + \beta_{11}X_{ij}A_{ij} + r_{1j}A_{ij} + e_{ij} \\
&= \beta_{00} + \beta_{01}X_{ij} + \beta_{10}A_{ij} + \beta_{11}X_{ij}A_{ij} + r_{1j}A_{ij} + r_{0j} + e_{ij}.
\end{aligned}$$

Thus, the Level-2 HLM combined measurement model for one individual predictor on Level-1 and one group predictor on Level-2 is

$$Y_{ij} = \beta_{00} + \beta_{01}X_{ij} + \beta_{10}A_{ij} + \beta_{11}X_{ij}A_{ij} + r_{1j}A_{ij} + r_{0j} + e_{ij}. \tag{22}$$

For a Level-2 HLM analysis, the proportion of variance within individual-level is

equivalent to

$$ICC2_1 = \frac{\sigma_e^2}{\sigma_e^2 + \sigma_r^2}. \tag{23}$$

The proportion of variance within group-level is equivalent to

$$ICC2_2 = \frac{\sigma_r^2}{\sigma_e^2 + \sigma_r^2}.$$

Level-2 Derived Variance.

For a Level-2 HLM,

$$\mathbf{Y}_{N\times 1} = \mathbf{M}_{N\times p}\beta_{p\times 1} + \varepsilon_{N\times 1}$$

where:

N is the total sample size, $N = ng$, for number of Level-1 individuals, n, and the number of Level-2 groups, g;

p is the number of the Level-2 coefficients ($\beta_{00}, \beta_{01}, \beta_{10}$, and β_{11}).

This implies:

$$\begin{bmatrix} Y_{11} \\ Y_{21} \\ Y_{31} \\ \vdots \\ Y_{n-1g} \\ Y_{ng} \end{bmatrix} = \begin{bmatrix} 1 & A_{11} & X_{11} & A_{11}X_{11} \\ 1 & A_{21} & X_{21} & A_{21}X_{21} \\ 1 & A_{31} & X_{31} & A_{31}X_{31} \\ \vdots & \vdots & \vdots & \vdots \\ 1 & A_{n-1g} & X_{n-1g} & A_{n-1g}X_{n-1g} \\ 1 & A_{ng} & X_{ng} & A_{ng}X_{ng} \end{bmatrix} \begin{bmatrix} \beta_{00} \\ \beta_{10} \\ \beta_{01} \\ \beta_{11} \end{bmatrix} + \begin{bmatrix} r_{01} + r_{11}A_{11} + e_{11} \\ r_{01} + r_{11}A_{21} + e_{21} \\ r_{01} + r_{11}A_{31} + e_{31} \\ \vdots \\ r_{0g} + r_{1g}A_{n-1g} + e_{n-1g} \\ r_{0g} + r_{1g}A_{ng} + e_{ng} \end{bmatrix}$$

For $\mathbf{Y} = [Y_{11}, Y_{21}, ..., Y_{ng}]'$ and $Y_{ij} \sim N(\mathbf{M}_{Level-2}\beta, \mathbf{\Sigma})$. Recall, A_{ij} and X_{ij} are independent, $A_{ij} \sim N(0, \sigma_A^2)$, and $X_{ij} \sim N(0, \sigma_X^2)$. This implies:

$$\Sigma_{ij} = Var(Y_{ij})$$

$$
\begin{aligned}
&= Var(\beta_{00} + \beta_{01}X_{ij} + \beta_{10}A_{ij} + \beta_{11}A_{ij}X_{ij} + r_{0j} + r_{1j}A_{ij} + e_{ij}) \\
&= Var(\beta_{00}) + Var(\beta_{01}X_{ij}) + Var(\beta_{10}A_{ij}) + Var(\beta_{11}A_{ij}X_{ij}) \\
&+ Var(r_{0j}) + Var(r_{1j}A_{ij}) + Var(e_{ij}) \\
&= Var(\beta_{00}) + \beta_{01}^2 Var(X_{ij}) + \beta_{10}^2 Var(A_{ij}) + \beta_{11}^2 Var(A_{ij}X_{ij}) \\
&+ Var(r_{0j}) + Var(r_{1j}A_{ij}) + Var(e_{ij}) \\
&= 0 + \beta_{01}^2\sigma_X^2 + \beta_{10}^2\sigma_A^2 + \beta_{11}^2\sigma_A^2\sigma_X^2 + \sigma_r^2 + \sigma_r^2\sigma_A^2 + \sigma_e^2 \\
&= \beta_{01}^2\sigma_X^2 + \beta_{10}^2\sigma_A^2 + \beta_{11}^2\sigma_A^2\sigma_X^2 + \sigma_r^2 + \sigma_r^2\sigma_A^2 + \sigma_e^2 \\
&= \sigma_{Level-2}^2,
\end{aligned}
$$

such that $\Sigma = \sigma_{Level-2}^2 \mathbf{I}_{N\times N}$,

$$
= \begin{bmatrix}
\beta_{01}^2\sigma_X^2 + ... + \sigma_e^2 & 0 & 0 & \dots & 0 \\
0 & \beta_{01}^2\sigma_X^2 + ... + \sigma_e^2 & 0 & \dots & 0 \\
0 & 0 & \beta_{01}^2\sigma_X^2 + ... + \sigma_e^2 & \dots & 0 \\
0 & 0 & 0 & \ddots & 0 \\
0 & 0 & 0 & \dots & \beta_{01}^2\sigma_X^2 + ... + \sigma_e^2
\end{bmatrix}.
$$

For the standard errors of the model coefficients, consider $\mathbf{D}_{Level-2} = \mathbf{M}'_{Level-2}\mathbf{M}_{Level-2}$. Then

$$
\mathbf{D}_{Level-2} = \begin{bmatrix}
1 & 1 & 1 & \dots & 1 \\
A_{11} & A_{21} & A_{31} & \dots & A_{ng} \\
X_{11} & X_{21} & X_{31} & \dots & X_{ng} \\
A_{11}X_{11} & A_{21}X_{21} & A_{31}X_{31} & \dots & A_{ng}X_{ng}
\end{bmatrix}
\begin{bmatrix}
1 & A_{11} & X_{11} & A_{11}X_{11} \\
1 & A_{21} & X_{21} & A_{21}X_{21} \\
1 & A_{31} & X_{31} & A_{31}X_{31} \\
\vdots & \vdots & \vdots & \vdots \\
1 & A_{ng} & X_{ng} & A_{ng}X_{ng}
\end{bmatrix}
$$

$$= \begin{bmatrix} \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} 1 & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij} \\ \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}^2 & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}^2X_{ij} \\ \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij}^2 & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij}^2 \\ \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}^2X_{ij} & \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij}^2 & \sum_{j=1}^{g}\sum_{i=1}^{n} (A_{ij}X_{ij})^2 \end{bmatrix}$$

$$= \begin{bmatrix} d_{1,1} & d_{1,2} & d_{1,3} & d_{1,4} \\ d_{2,1} & d_{2,2} & d_{2,3} & d_{2,4} \\ d_{3,1} & d_{3,2} & d_{3,3} & d_{3,4} \\ d_{4,1} & d_{4,2} & d_{4,3} & d_{4,4} \end{bmatrix}$$

The standard error of each parameter $\hat{\beta}_{\mathbf{ij}}$ are the analogous diagonal elements derived in Appendix A. That is, generally $s.e.(\mu) = \sqrt{\mathbf{\Sigma}(\mathbf{M'M})^{-\mathbf{1}}}$ (Appendix A). Therefore, for a Level-2 HLM $s.e.(\hat{\beta}) = \sqrt{\sigma^2_{Level-2}\mathbf{I}_{N\times N}\mathbf{D}^{-1}_{Level-2}}$. If the Level-2 HLM predictors have the following distributions $A_{ij} \sim N(0, \sigma_A^2)$ and $X_{ij} \sim N(0, \sigma_X^2)$, then the elements of $\mathbf{D}_{Level-2}$ are:

$$d_{1,1} = \sum_{j=1}^{g}\sum_{i=1}^{n} 1 = ng = N,$$

$$d_{1,2} = a_{2,1} = \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij} = ngE[A_{ij}] = N\mu_A = N(0) = 0,$$

$$d_{1,3} = a_{3,1} = \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij} = ngE[X_{ij}] = N\mu_X = N(0) = 0,$$

$$d_{1,4} = a_{2,3} = a_{3,2} = a_{4,1} = \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}X_{ij} = ngE[A_{ij}X_{ij}] = N(cov(A_{ij}, X_{ij}) + E[A_{ij}]E[X_{ij}])$$

$$= N(0 + \mu_A\mu_X) = N(0 + (0)(0)) = N(0) = 0,$$

$$d_{2,2} = \sum_{j=1}^{g}\sum_{i=1}^{n} A_{ij}^2 = ngE[A_{ij}^2] = ng(\sigma_A^2 + \mu_A^2) = N(\sigma_A^2 + 0) = N\sigma_A^2,$$

$$d_{2,4} = a_{4,2} = \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij}^2A_{ij} = ngE[X_{ij}^2A_{ij}] = N(cov(X_{ij}^2, A_{ij}) + E[X_{ij}]^2]E[A_{ij}])$$

$$= N(cov(X_{ij}^2, A_{ij}) + (\sigma_X^2 + E[X_{ij}]^2)E[A_{ij}]) = N(0 + (\sigma_X^2 + \mu_X^2)(\mu_A))$$

$$= N((\sigma_X^2 + 0)(0)) = 0,$$

$$d_{3,3} = \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij}^2 = ngE[X_{ij}^2] = ng(\sigma_X^2 + \mu_X^2) = N(\sigma_X^2 + 0) = N\sigma_X^2,$$

$$d_{3,4} = a_{4,3} = \sum_{j=1}^{g}\sum_{i=1}^{n} X_{ij}A_{ij}^2 = ngE[X_{ij}A_{ij}^2] = N(cov(X_{ij}, A_{ij}^2) + E[X_{ij}]]E[A_{ij}^2])$$

$$= N(cov(X_{ij}, A_{ij}^2) + E[X_{ij}](\sigma_A^2 + E[A_{ij}]^2)) = N(0 + (\mu_X)(\sigma_A^2 + \mu_A^2))$$

$$= N((\sigma_A^2 + 0)(0)) = 0,$$

$$d_{4,4} = \sum_{j=1}^{g}\sum_{i=1}^{n} (X_{ijkl}A_{ij})^2 = ngE[X_{ij}^2 A_{ij}^2] = N(cov(X_{ij}^2, A_{ij}^2) + E[X_{ij}^2]]E[A_{ij}^2])$$

$$= N(cov(X_{ij}^2, A_{ij}^2) + (\sigma_X^2 + E[X_{ij}]^2)(\sigma_A^2 + E[A_{ij}]^2)) = N(\sigma_X^2 + \mu_X^2)(\sigma_A^2 + \mu_A^2)$$

$$= N(\sigma_X^2 + 0)(\sigma_A^2 + 0) = N\sigma_X^2\sigma_A^2.$$

Hence by substitution, this implies

$$\mathbf{D}_{Level-2} = \begin{bmatrix} N & 0 & 0 & 0 \\ 0 & N\sigma_X^2 & 0 & 0 \\ 0 & 0 & N\sigma_A^2 & 0 \\ 0 & 0 & 0 & N\sigma_A^2\sigma_X^2 \end{bmatrix}.$$

The inverse of the diagonal matrix $\mathbf{D}_{Level-2}$, is denoted $\mathbf{D^{-1}}_{Level-2}$ and equivalent to

$$\mathbf{D}_{Level-2}^{-1} = \begin{bmatrix} \frac{1}{N} & 0 & 0 & 0 \\ 0 & \frac{1}{N\sigma_X^2} & 0 & 0 \\ 0 & 0 & \frac{1}{N\sigma_A^2} & 0 \\ 0 & 0 & 0 & \frac{1}{N\sigma_A^2\sigma_X^2} \end{bmatrix}.$$

By Appendix A, $Var(\hat{\beta}) = \sigma^2_{Level-2}\mathbf{I}_{N\times N}\mathbf{D}^{-1}_{Level-2}$. Therefore,

$$Var(\hat{\beta}) = \begin{bmatrix} \frac{\sigma^2_{Level-2}}{N} & 0 & 0 & 0 \\ 0 & \frac{\sigma^2_{Level-2}}{N\sigma^2_X} & 0 & 0 \\ 0 & 0 & \frac{\sigma^2_{Level-2}}{N\sigma^2_A} & 0 \\ 0 & 0 & 0 & \frac{\sigma^2_{Level-2}}{N\sigma^2_A\sigma^2_X} \end{bmatrix}.$$

Hence, $s.e.(\hat{\beta}) = \sqrt{\sigma^2_{Level-2}\mathbf{I}_{N\times N}\mathbf{D}^{-1}_{Level-2}}$. Thus,

$$s.e.(\hat{\beta}) = \begin{bmatrix} \sqrt{\frac{\sigma^2_{Level-2}}{N}} & 0 & 0 & 0 \\ 0 & \sqrt{\frac{\sigma^2_{Level-2}}{N\sigma^2_X}} & 0 & 0 \\ 0 & 0 & \sqrt{\frac{\sigma^2_{Level-2}}{N\sigma^2_A}} & 0 \\ 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-2}}{N\sigma^2_A\sigma^2_X}} \end{bmatrix}. \tag{24}$$

Level-3 of the HLM Measurement Model for 1 Individual Predictor at Level-1, 1 Group Predictor at Level-2, and 1 Unit Predictor at Level-3.

For Figure 9, the Level-2 coefficients with Level-3 indexing ($\beta_{00k}, \beta_{01k}, \beta_{10k}$, and β_{11k}) defined in Level-2 of the HLM expressed in Equation 22, become outcome variables in Level-3 of the HLM measurement model such that $k = 1, ..., h$. That is:

$$\begin{aligned} \beta_{00k} &= \gamma_{000} + \gamma_{001}W_{ijk} + u_{00k}, \\ \beta_{01k} &= \gamma_{010} + \gamma_{011}W_{ijk} + u_{01k}, \\ \beta_{10k} &= \gamma_{100} + \gamma_{101}W_{ijk} + u_{10k}, \\ \beta_{11k} &= \gamma_{110} + \gamma_{111}W_{ijk} + u_{11k}, \end{aligned} \tag{25}$$

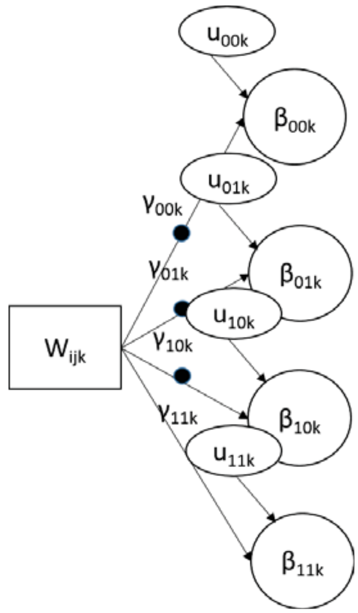

Figure 9. Third level of an HLM structural model with 1 unit predictor at Level-3.

where:

γ_{000},γ_{010},γ_{100},γ_{110}: are the intercepts of the unit effect in modeling the group effect β_{ijk};

W_{ijk}: is the Level-3 predictor (unit-level explanatory variable);

γ_{001},γ_{011},γ_{101},γ_{111}: are the Level-3 coefficients that indicate the direction and strength of association between the Level-3 predictor, W_{ijk}, and the β_{ijk};

u_{00k},u_{01k},u_{00k},u_{01k}: are the Level-3 random errors that represent the deviation of unit k's Level-2 coefficient, β_{ijk}, from its predicted value based on the Level-3 model, such that: $u_{ijk} \sim N(0, \sigma_u^2)$ and $Cov(u_{ijk}, r_{ijk}) = Cov(u_{ijk}, e_{ijk}) = Cov(r_{ijk}, e_{ijk}) = 0$ for all i, j, and k.

By substitution of the expression from Equation 25 into Equation 22, the full

model may be written out as:

$$
\begin{aligned}
Y_{ijk} &= (\gamma_{000} + \gamma_{001}W_{ijk} + u_{00k}) + (\gamma_{010} + \gamma_{011}W_{ijk} + u_{01k})X_{ijk} \\
&+ (\gamma_{100} + \gamma_{101}W_{ijk} + u_{10k})A_{ijk} + (\gamma_{110} + \gamma_{111}W_{ijk} + u_{11k})X_{ijk}A_{ijk} \\
&+ r_{0jk} + r_{1jk}A_{ijk} + e_{ijk} \\
&= \gamma_{000} + \gamma_{001}W_{ijk} + u_{00k} + \gamma_{010}X_{ijk} + \gamma_{011}W_{ijk}X_{ijk} + u_{01k}X_{ijk} \\
&+ \gamma_{100}A_{ijk} + \gamma_{101}W_{ijk}A_{ijk} + u_{10k}A_{ijk} + \gamma_{110}X_{ijk}A_{ijk} \\
&+ \gamma_{111}W_{ijk}X_{ijk}A_{ijk} + u_{11k}X_{ijk}A_{ijk} + r_{0jk} + r_{1jk}A_{ijk} + e_{ijk} \\
&= \gamma_{000} + \gamma_{001}W_{ijk} + \gamma_{010}X_{ijk} + \gamma_{011}W_{ijk}X_{ijk} \\
&+ A_{ijk}(\gamma_{100} + \gamma_{101}W_{ijk} + u_{10k} + r_{1jk} + X_{ijk}(u_{11k} + \gamma_{110} + \gamma_{111}W_{ijk})) \\
&+ u_{00k} + u_{01k}X_{ijk} + r_{0jk} + e_{ijk}.
\end{aligned}
$$

Thus, the Level-3 HLM combined measurement model for one individual predictor on Level-1, one group predictor on Level-2, and one unit predictor on Level-3 is

$$
\begin{aligned}
Y_{ijk} &= \gamma_{000} + \gamma_{010}X_{ijk} + \gamma_{001}W_{ijk} + \gamma_{011}X_{ijk}W_{ijk} + \gamma_{100}A_{ijk} \\
&+ \gamma_{101}A_{ijk}W_{ijk} + \gamma_{110}A_{ijk}X_{ijk} + \gamma_{111}A_{ijk}X_{ijk}W_{ijk} + u_{11k}A_{ijk}X_{ijk} \\
&+ u_{00k} + u_{01k}X_{ijk} + u_{10k}A_{ijk} + r_{1jk}A_{ijk} + r_{0jk} + e_{ijk}.
\end{aligned} \tag{26}
$$

For a Level-3 HLM analysis, the proportion of variance of individuals is

$$ICC3_1 = \frac{\sigma_e^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2}.$$

The proportion of variance among groups is

$$ICC3_2 = \frac{\sigma_r^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2}.$$

The proportion of variance of the units is

$$ICC3_3 = \frac{\sigma_u^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2}.$$

Level-3 Derived Variance.

For a Level-3 HLM,

$$\mathbf{Y}_{N\times 1} = \mathbf{M}_{N\times p}\gamma_{p\times 1} + \varepsilon_{N\times 1}$$

where:

N is the total sample size, $N = ngh$, for the number of Level-1 individuals, n, the number of Level-2 groups, g, and the number of Level-3 units, h;

p is the number of the Level-3 coefficients ($\gamma_{000}, \gamma_{100}, \gamma_{010}$, γ_{001}, γ_{110}, γ_{101}, γ_{011}, and γ_{111}).

This implies:

$$
\begin{bmatrix} Y_{111} \\ Y_{112} \\ \vdots \\ Y_{11h} \\ Y_{121} \\ \vdots \\ Y_{12h} \\ \vdots \\ Y_{1g1} \\ \vdots \\ Y_{1gh} \\ \vdots \\ Y_{ngh} \end{bmatrix}
=
\begin{bmatrix}
1 & A_{111} & X_{111} & W_{111} & A_{111}X_{111} & A_{111}W_{111} & X_{111}W_{111} & A_{111}X_{111}W_{111} \\
1 & A_{211} & X_{211} & W_{211} & A_{211}X_{211} & A_{211}W_{211} & X_{211}W_{211} & A_{211}X_{211}W_{211} \\
1 & A_{311} & X_{311} & W_{311} & A_{311}X_{311} & A_{311}W_{311} & X_{311}W_{311} & A_{311}X_{311}W_{311} \\
 & & & & \vdots & & & \\
1 & A_{n-1gh} & X_{n-1gh} & W_{n-1gh} & A_{n-1gh}X_{n-1gh} & A_{n-1gh}W_{n-1gh} & X_{n-1gh}W_{n-1gh} & A_{n-1gh}X_{n-1gh}W_{n-1gh} \\
1 & A_{ngh} & X_{ngh} & W_{11h} & A_{ngh}X_{ngh} & A_{ngh}W_{ngh} & X_{ngh}W_{ngh} & A_{ngh}X_{ngh}W_{ngh}
\end{bmatrix}
\begin{bmatrix} \gamma_{000} \\ \gamma_{100} \\ \gamma_{010} \\ \gamma_{001} \\ \gamma_{110} \\ \gamma_{101} \\ \gamma_{011} \\ \gamma_{111} \end{bmatrix}
$$

$$
+ \begin{bmatrix}
u_{101}A_{111} + u_{011}X_{111} + u_{111}A_{111}X_{111} + r_{111}A_{111} + u_{001} + r_{011} + e_{111} \\
u_{101}A_{211} + u_{011}X_{211} + u_{111}A_{211}X_{112} + r_{111}A_{211} + u_{001} + r_{011} + e_{211} \\
u_{111}A_{311} + u_{011}X_{311} + u_{111}A_{311}X_{11h} + r_{111}A_{h11} + u_{001} + r_{011} + e_{311} \\
\vdots \\
u_{10h}A_{n-1gh} + u_{01h}X_{n-1gh} + u_{11h}A_{n-1gh}X_{n-1gh} + r_{11h}A_{n-1gh} + u_{00h} + r_{0gh} + e_{n-1gh} \\
u_{10h}A_{ngh} + u_{01h}X_{ngh} + u_{11h}A_{ngh}X_{ngh} + r_{11h}A_{ngh} + u_{00h} + r_{0gh} + e_{ngh}
\end{bmatrix}.
$$

For $\mathbf{Y} = [Y_{111}, Y_{211}, ..., Y_{ngh}]'$ and $Y_{ijk} \sim N(\mathbf{M}_{Level-3}\gamma, \mathbf{\Sigma})$. Recall, A_{ijk}, X_{ijk}, and W_{ijk} are independent, $A_{ijk} \sim N(0, \sigma_A^2)$, $X_{ijk} \sim N(0, \sigma_X^2)$, and $W_{ijk} \sim N(0, \sigma_W^2)$. Therefore,

$$
\begin{aligned}
\Sigma_{ijk} &= Var(Y_{ijk}) \\
&= Var(\gamma_{000} + \gamma_{011}X_{ijk} + \gamma_{001}W_{ijk} + \gamma_{011}X_{ijk}W_{ijk} + \gamma_{100}A_{ijk} \\
&+ \gamma_{101}A_{ijk}W_{ijk} + \gamma_{110}A_{ijk}X_{ijk} + \gamma_{111}A_{ijk}X_{ijk}W_{ijk} + u_{11k}A_{ijk}X_{ijk} \\
&+ u_{00k} + u_{01k}X_{ijk} + u_{10k}A_{ijk} + r_{1jk}A_{ijk} + r_{0jk} + e_{ijk}) \\
&= Var(\gamma_{000}) + Var(\gamma_{011}X_{ijk}) + Var(\gamma_{001}W_{ijk}) + Var(\gamma_{011}X_{ijk}W_{ijk}) + Var(\gamma_{100}A_{ijk}) \\
&+ Var(\gamma_{101}A_{ijk}W_{ijk}) + Var(\gamma_{110}A_{ijk}X_{ijk}) + Var(\gamma_{111}A_{ijk}X_{1jk}W_{ijk}) \\
&+ Var(u_{11k}A_{ijk}X_{ijk}) + Var(u_{00k}) + Var(u_{01k}X_{1jk}) + Var(u_{10k}A_{ijk}) + Var(r_{1jk}A_{ijk}) \\
&+ Var(r_{0jk}) + Var(e_{ijk}) \\
&= 0 + \gamma_{010}^2\sigma_X^2 + \gamma_{001}^2\sigma_W^2 + \gamma_{011}^2\sigma_X^2\sigma_W^2 + \gamma_{100}^2\sigma_A^2 + \gamma_{101}^2\sigma_A^2\sigma_W^2 + \gamma_{110}^2\sigma_A^2\sigma_X^2 + \gamma_{111}^2\sigma_A^2\sigma_X^2\sigma_W^2 \\
&+ \sigma_u^2\sigma_A^2\sigma_X^2 + \sigma_u^2 + \sigma_u^2\sigma_X^2 + \sigma_u^2\sigma_A^2 + \sigma_r^2\sigma_A^2 + \sigma_r^2 + \sigma_e^2 \\
&= \gamma_{010}^2\sigma_X^2 + \gamma_{001}^2\sigma_W^2 + \gamma_{011}^2\sigma_X^2\sigma_W^2 + \gamma_{100}^2\sigma_A^2 + \gamma_{101}^2\sigma_A^2\sigma_W^2 + \gamma_{110}^2\sigma_A^2\sigma_X^2 + \gamma_{111}^2\sigma_A^2\sigma_X^2\sigma_W^2 \\
&+ \sigma_u^2\sigma_A^2\sigma_X^2 + \sigma_u^2 + \sigma_u^2\sigma_X^2 + \sigma_u^2\sigma_A^2 + \sigma_r^2\sigma_A^2 + \sigma_r^2 + \sigma_e^2 \\
&= \sigma_{Level-3}^2
\end{aligned}
$$

such that

$$\mathbf{\Sigma} = \sigma_{Level-3}^2\mathbf{I}_{N\times N},$$

$$
= \begin{bmatrix}
\gamma_{010}^2\sigma_X^2 + \gamma_{001}^2\sigma_W^2 + ... & 0 & \cdots & 0 \\
+\sigma_u^2\sigma_A^2 + \sigma_r^2\sigma_A^2 + \sigma_r^2 + \sigma_e^2 & & & \\
0 & \gamma_{010}^2\sigma_X^2 + \gamma_{001}^2\sigma_W^2 + ... & \cdots & 0 \\
 & +\sigma_u^2\sigma_A^2 + \sigma_r^2\sigma_A^2 + \sigma_r^2 + \sigma_e^2 & & \\
0 & 0 & \ddots & 0 \\
0 & 0 & & \gamma_{010}^2\sigma_X^2 + \gamma_{001}^2\sigma_W^2 + ... \\
 & & & +\sigma_u^2\sigma_A^2 + \sigma_r^2\sigma_A^2 + \sigma_r^2 + \sigma_e^2
\end{bmatrix}.
$$

For the standard errors of the model coefficients, consider

$\mathbf{D}_{Level-3} = \mathbf{M}'_{Level-3}\mathbf{M}_{Level-3}$. Then

$\mathbf{D}_{Level-3} =$

$$
\begin{bmatrix}
1 & 1 & \cdots & 1 \\
A_{111} & A_{112} & \cdots & A_{ngh} \\
X_{.11} & X_{.12} & \cdots & X_{.gh} \\
W_{..1} & W_{..2} & \cdots & W_{..h} \\
\vdots & \vdots & \cdots & \vdots \\
A_{111}X_{.11}W_{..1} & A_{112}X_{.12}W_{..2} & \cdots & A_{ngh}X_{.gh}W_{..h}
\end{bmatrix}
\begin{bmatrix}
1 & A_{111} & X_{111} & W_{111} & ... & A_{111}X_{111}W_{111} \\
1 & A_{112} & X_{112} & W_{112} & ... & A_{112}X_{112}W_{112} \\
1 & A_{113} & X_{113} & W_{113} & ... & A_{113}X_{113}W_{113} \\
\vdots & \vdots & \vdots & \vdots & & \vdots \\
1 & A_{ngh} & X_{ngh} & W_{ngh} & ... & A_{nghl}X_{nghl}W_{ngh}
\end{bmatrix}
$$

$$
= \begin{bmatrix}
\sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} 1 & ... & \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}W_{ijk} \\
\sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk} & ... & \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2X_{ijk}W_{ijk} \\
\vdots & \ddots & \vdots \\
\sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}W_{ijk} & ... & \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijk}X_{ijk}W_{ijk})^2
\end{bmatrix}
$$

$$
= \begin{bmatrix}
d_{1,1} & d_{1,2} & d_{1,3} & d_{1,4} & d_{1,5} & d_{1,6} & d_{1,7} & d_{1,8} \\
d_{2,1} & d_{2,2} & d_{2,3} & d_{2,4} & d_{2,5} & d_{2,6} & d_{2,7} & d_{2,8} \\
d_{3,1} & d_{3,2} & d_{3,3} & d_{3,4} & d_{3,5} & d_{3,6} & d_{3,7} & d_{3,8} \\
d_{4,1} & d_{4,2} & d_{4,3} & d_{4,4} & d_{4,5} & d_{4,6} & d_{4,7} & d_{4,8} \\
d_{5,1} & d_{5,2} & d_{5,3} & d_{5,4} & d_{5,5} & d_{5,6} & d_{5,7} & d_{5,8} \\
d_{6,1} & d_{6,2} & d_{6,3} & d_{6,4} & d_{6,5} & d_{6,6} & d_{6,7} & d_{6,8} \\
d_{7,1} & d_{7,2} & d_{7,3} & d_{7,4} & d_{7,5} & d_{7,6} & d_{7,7} & d_{7,8} \\
d_{8,1} & d_{8,2} & d_{8,3} & d_{8,4} & d_{8,5} & d_{8,6} & d_{8,7} & d_{8,8}
\end{bmatrix},
$$

which consists of the following elements:

$$
\begin{aligned}
d_{1,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} 1, \\
d_{1,2} = d_{2,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}, \\
d_{1,3} = d_{3,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk}, \\
d_{1,4} = d_{4,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijk}, \\
d_{1,5} = d_{2,3} = d_{3,2} = d_{5,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}, \\
d_{1,6} = d_{2,4} = d_{4,2} = d_{6,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}W_{ijk}, \\
d_{1,7} = d_{3,4} = d_{4,3} = d_{7,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk}W_{ijk}, \\
d_{1,8} = d_{2,7} = d_{3,6} = d_{4,5} = d_{5,4} = d_{6,3} = d_{7,2} = d_{8,1} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}W_{ijk}, \\
d_{2,2} &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2,
\end{aligned}
$$

$$d_{2,5} = d_{5,2} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk}^2 X_{ijk},$$

$$d_{2,6} = d_{6,2} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk}^2 W_{ijk},$$

$$d_{2,8} = d_{5,6} = d_{6,5} = d_{8,2} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk}^2 X_{ijk} W_{ijk},$$

$$d_{3,3} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijk}^2,$$

$$d_{3,5} = d_{5,3} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk} X_{ijk}^2,$$

$$d_{3,7} = d_{7,3} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijk}^2 W_{ijk},$$

$$d_{3,8} = d_{8,3} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk} X_{ijk}^2 W_{ijk},$$

$$d_{4,4} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} W_{ijk}^2$$

$$d_{4,6} = d_{6,4} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk} W_{ijk}^2,$$

$$d_{4,7} = d_{7,4} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijk} W_{ijk}^2,$$

$$d_{4,8} = d_{6,7} = d_{7,6} = d_{8,4} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk} X_{ijk} W_{ijk}^2,$$

$$d_{5,5} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (A_{ijk} X_{ijk})^2,$$

$$d_{5,7} = d_{7,5} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk}^2 X_{ijk} W_{ijk},$$

$$d_{5,8} = d_{8,5} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijk}^2 X_{ijk}^2 W_{ijk},$$

$$d_{6,6} = \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (A_{ijk} W_{ijk})^2,$$

$$d_{6,8} = d_{8,6} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2 X_{ijk} W_{ijk}^2,$$

$$d_{7,7} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(X_{ijk}W_{ijk})^2,$$

$$d_{7,8} = d_{8,7} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk} X_{ijk}^2 W_{ijk}^2,$$

$$d_{8,8} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijk}X_{ijk}W_{ijk})^2.$$

The standard error of each parameter $\hat{\gamma}_{\mathbf{ijk}}$ are the analogous diagonal elements derived in Appendix A. That is, generally $s.e.(\mu) = \sqrt{\mathbf{\Sigma(M'M)^{-1}}}$ (Appendix A). Therefore, for a Level-3 HLM $s.e.(\hat{\gamma}) = \sqrt{\sigma^2_{Level-3}\mathbf{I}_{NxN}\mathbf{D}^{-1}_{Level-3}}$. If the Level-3 HLM predictors have the following distributions $A_{ijk} \sim N(0, \sigma_A^2)$, $X_{ijk} \sim N(0, \sigma_X^2)$, and $W_{ijk} \sim N(0, \sigma_W^2)$, then the elements of $\mathbf{D}_{Level-3}$ are:

$$d_{1,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} 1 = ngh = N,$$

$$d_{1,2} = d_{2,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk} = nghE[A_{ijk}] = N\mu_A = N(0) = 0,$$

$$d_{1,3} = d_{3,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk} = nghE[X_{ijk}] = N\mu_X = N(0) = 0,$$

$$d_{1,4} = d_{4,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijk} = nghE[W_{ijk}] = N\mu_W = N(0) = 0,$$

$$d_{1,5} = d_{2,3} = d_{3,2} = d_{5,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk} = nghE[A_{ijk}X_{ijk}]$$

$$= N(cov(A_{ijk}, X_{ijk}) + E[A_{ijk}]E[X_{ijk}]) = N(0 + \mu_A\mu_X) = N(0 + (0)(0)) = 0,$$

$$d_{1,6} = d_{2,4} = d_{4,2} = d_{6,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}W_{ijk} = nghE[A_{ijk}W_{ijk}]$$

$$= N(cov(A_{ijk}, W_{ijk}) + E[A_{ijk}]E[W_{ijk}]) = N(0 + \mu_A\mu_W) = N(0 + (0)(0)) = 0,$$

$$d_{1,7} = d_{3,4} = d_{4,3} = d_{7,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk}W_{ijk} = nghE[X_{ijk}W_{ijk}]$$

$$= N(cov(X_{ijk}, W_{ijk}) + E[X_{ijk}]E[W_{ijk}]) = N(0 + \mu_X\mu_W) = N(0 + (0)(0)) = 0,$$

$$d_{1,8} = d_{2,7} = d_{3,6} = d_{4,5} = d_{5,4} = d_{6,3} = d_{7,2} = d_{8,1} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}W_{ijk}$$

$$= nghE[A_{ijk}X_{ijk}W_{ijk}] = N(cov(A_{ijk}X_{ijk}, W_{ijk}) + E[A_{ijk}X_{ijk}]E[W_{ijk}])$$

$$= N(0 + (cov(A_{ijk}, X_{ijk}) + E[A_{ijk}]^2E[X_{ijk}]^2)(\mu_W)) = N(0 + (0 + \mu_A^2\mu_X^2)(\mu_W^2))$$

$$= N(0 + (0 + (0)(0))(0)) = 0,$$

$$d_{2,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2 = nghE[A_{ijk}^2] = N(\sigma_A^2 + \mu_A^2) = N(\sigma_A^2 + 0) = N\sigma_A^2,$$

$$d_{2,5} = d_{5,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2X_{ijk} = nghE[A_{ijk}^2X_{ijk}] = N(cov(A_{ijk}^2, X_{ijk}) + E[A_{ijk}^2]E[X_{ijk}])$$

$$= N(cov(A_{ijk}^2, X_{ijk}) + (\sigma_A^2 + E[A_{ijk}]^2)E[X_{ijk}]) = N(0 + (\sigma_A^2 + \mu_A^2)(\mu_X))$$

$$= N((\sigma_A^2 + 0)(0)) = 0,$$

$$d_{2,6} = d_{6,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2W_{ijk} = nghE[A_{ijk}^2W_{ijk}] = N(cov(A_{ijk}^2, W_{ijk}) + E[A_{ijk}^2]E[W_{ijk}])$$

$$= N(cov(A_{ijk}^2, W_{ijk}) + (\sigma_A^2 + E[A_{ijk}]^2)E[W_{ijk}]) = N(0 + (\sigma_A^2 + \mu_A^2)(\mu_W))$$

$$= N((\sigma_A^2 + 0)(0)) = 0,$$

$$d_{2,8} = d_{5,6} = d_{6,5} = d_{8,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2X_{ijk}W_{ijk} = nghE[A_{ijk}^2X_{ijk}W_{ijk}]$$

$$= N(cov(A_{ijk}^2X_{ijk}, W_{ijk}) + E[A_{ijk}^2X_{ijk}]E[W_{ijk}])$$

$$= N(cov(A_{ijk}^2X_{ijk}, W_{ijk}) + (cov(A_{ijk}^2, X_{ijk}) + E[A_{ijk}^2]E[X_{ijk}])E[W_{ijk}])$$

$$= N(0 + (0 + E[A_{ijk}^2]\mu_X)\mu_W) = N(0 + (0 + (\sigma_A^2 + \mu_A)\mu_X)\mu_W)$$

$$= N(0 + (0 + (\sigma_A^2 + 0)0)0) = 0,$$

$$d_{3,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk}^2 = nghE[X_{ijk}^2] = N(\sigma_X^2 + \mu_X^2) = N(\sigma_X^2 + 0) = N\sigma_X^2,$$

$$d_{3,5} = d_{5,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}^2 = nghE[A_{ijk}X_{ijk}^2] = N(cov(A_{ijk}, X_{ijk}^2) + E[A_{ijk}]E[X_{ijk}^2])$$

$$= N(cov(A_{ijk}, X_{ijk}^2) + E[A_{ijk}](\sigma_X^2 + \mu_X)) = N(0 + \mu_A(\sigma_X^2 + \mu_X^2))$$

$$= N(0 + 0(\sigma_X^2 + 0)) = 0,$$

$$d_{3,7} = d_{7,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk}^2 W_{ijk} = nghE[X_{ijk}^2 W_{ijk}] = N(cov(X_{ijk}^2, W_{ijk}) + E[X_{ijk}^2]E[W_{ijk}])$$

$$= N(cov(X_{ijk}^2, W_{ijk}) + (\sigma_X^2 + \mu_X)E[W_{ijk}]) = N(0 + (\sigma_X^2 + \mu_X^2)\mu_W)$$

$$= N(0 + (\sigma_X^2 + 0)0) = 0,$$

$$d_{4,4} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijk}^2 = nghE[W_{ijk}^2] = N(\sigma_W^2 + \mu_W^2) = N(\sigma_W^2 + 0) = N\sigma_W^2,$$

$$d_{4,6} = d_{6,4} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}W_{ijk}^2 = nghE[A_{ijk}W_{ijk}^2] = N(cov(A_{ijk}, W_{ijk}^2) + E[A_{ijk}]E[W_{ijk}^2])$$

$$= N(0 + \mu_A(\sigma_W^2 + \mu_W^2)) = N(0 + 0(\sigma_W^2 + 0)) = 0,$$

$$d_{4,7} = d_{7,4} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijk}W_{ijk}^2 = nghE[X_{ijk}W_{ijk}^2] = N(cov(X_{ijk}, W_{ijk}^2) + E[X_{ijk}]E[W_{ijk}^2])$$

$$= N(0 + \mu_X(\sigma_W^2 + \mu_W^2)) = N(0 + 0(\sigma_W^2 + 0)) = 0,$$

$$d_{4,8} = d_{6,7} = d_{7,6} = d_{8,4} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}W_{ijk}^2 = nghE[A_{ijk}X_{ijk}W_{ijk}^2]$$

$$= N(cov(A_{ijk}X_{ijk}, W_{ijk}^2) + E[A_{ijk}X_{ijk}]E[W_{ijk}^2])$$

$$= N(0 + (cov(A_{ijk}, X_{ijk}) + E[A_{ijk}]E[X_{ijk}])(\sigma_W^2 + \mu_W^2)) = N(0 + (0 + \mu_A\mu_X)(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (0)(0))(\sigma_W^2 + 0)) = 0,$$

$$d_{5,5} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (X_{ijk}A_{ijk})^2 = nghE[X_{ijk}^2 A_{ijk}^2] = N(cov(X_{ijk}^2, A_{ijk}^2) + E[X_{ijk}^2]E[A_{ijk}^2])$$

$$= N(0 + (\sigma_X^2 + \mu_X^2)(\sigma_A^2 + \mu_A^2)) = N(0 + (\sigma_X^2 + 0)(\sigma_A^2 + 0)) = N\sigma_X^2\sigma_A^2,$$

$$d_{5,7} = d_{7,5} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}^2 W_{ijk} = nghE[A_{ijk}X_{ijk}^2 W_{ijk}]$$

$$= N(cov(A_{ijk}X_{ijk}^2, W_{ijk}) + E[A_{ijk}X_{ijk}^2]E[W_{ijk}])$$

$$= N(0 + (cov(A_{ijk}, X_{ijk}^2) + E[A_{ijk}]E[X_{ijk}^2])E[W_{ijk}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))\mu_W) = N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))0) = 0,$$

$$d_{5,8} = d_{8,5} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2 X_{ijk}^2 W_{ijk} = nghE[A_{ijk}^2 X_{ijk}^2 W_{ijk}]$$

$$= N(cov(A_{ijk}^2 X_{ijk}^2, W_{ijk}) + E[A_{ijk}^2 X_{ijk}^2]E[W_{ijk}])$$

$$= N(0 + (cov(A_{ijk}^2, X_{ijk}^2) + E[A_{ijk}^2]E[X_{ijk}^2])\mu_W)$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))\mu_W)$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))0) = 0,$$

$$d_{6,6} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijk}W_{ijk})^2 = nghE[A_{ijk}^2 W_{ijk}^2]$$

$$= N(cov(A_{ijk}^2, W_{ijk}^2) + E[A_{ijk}^2]E[X_{ijk}^2] = N(0 + (\sigma_A^2 + \mu_A^2)(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (\sigma_A^2 + 0)(\sigma_W^2 + 0)) = N\sigma_A^2\sigma_W^2,$$

$$d_{6,8} = d_{8,6} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}^2 X_{ijk} W_{ijk}^2 = nghE[A_{ijk}^2 X_{ijk} W_{ijk}^2]$$

$$= N(cov(A_{ijk}^2 X_{ijk}, W_{ijk}^2) + E[A_{ijk}^2 X_{ijk}]E[W_{ijk}^2])$$

$$= N(0 + (cov(A_{ijk}^2, X_{ijk}) + E[A_{ijk}^2]E[X_{ijk}])(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\mu_X))(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_X^2 + 0)0)(\sigma_W^2 + 0)) = 0,$$

$$d_{7,7} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(X_{ijk}W_{ijk})^2 = nghE[X_{ijk}^2 W_{ijk}^2]$$

$$= N(cov(X_{ijk}^2, W_{ijk}^2) + E[X_{ijk}^2]E[X_{ijk}^2] = N(0 + (\sigma_X^2 + \mu_X^2)(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (\sigma_X^2 + 0)(\sigma_W^2 + 0)) = N\sigma_X^2\sigma_W^2,$$

$$d_{7,8} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijk}X_{ijk}^2 W_{ijk}^2 = nghE[A_{ijk}X_{ijk}^2 W_{ijk}^2]$$

$$= N(cov(A_{ijk}X_{ijk}^2, W_{ijk}^2) + E[A_{ijk}X_{ijk}^2]E[W_{ijk}^2])$$

$$= N(0 + (cov(A_{ijk}, X_{ijk}^2) + E[A_{ijk}]E[X_{ijk}^2])(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + \mu_A(\sigma_X^2 + \mu_X^2))(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + 0(\sigma_X^2 + 0))(\sigma_W^2 + 0)) = 0,$$

$$d_{8,8} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijk}X_{ijk}W_{ijk})^2 = nghE[A_{ijk}^2X_{ijk}^2W_{ijk}^2]$$

$$= N(cov(A_{ijk}^2X_{ijk}^2, W_{ijk}^2) + E[A_{ijk}^2X_{ijk}^2]E[W_{ijk}^2])$$

$$= N(0 + (cov(A_{ijk}^2, X_{ijk}^2) + E[A_{ijk}^2]E[X_{ijk}^2])(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))(\sigma_W^2 + 0)) = N\sigma_A^2\sigma_X^2\sigma_W^2.$$

Hence by substitution, this implies

$$\mathbf{D}_{Level-3} = \begin{bmatrix} N & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & N\sigma_A^2 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & N\sigma_X^2 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & N\sigma_W^2 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & N\sigma_A^2\sigma_X^2 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & N\sigma_A^2\sigma_W^2 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & N\sigma_X^2\sigma_W^2 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & N\sigma_A^2\sigma_X^2\sigma_W^2 \end{bmatrix}.$$

The inverse of the diagonal matrix $\mathbf{D}_{Level-3}$ is denoted $\mathbf{D}_{Level-3}^{-1}$ and is equivalent to

$$\mathbf{D}_{Level-3}^{-1} = \begin{bmatrix} \frac{1}{N} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \frac{1}{N\sigma_A^2} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \frac{1}{N\sigma_X^2} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \frac{1}{N\sigma_W^2} & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \frac{1}{N\sigma_A^2\sigma_X^2} & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \frac{1}{N\sigma_A^2\sigma_W^2} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \frac{1}{N\sigma_X^2\sigma_W^2} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{1}{N\sigma_A^2\sigma_X^2\sigma_W^2} \end{bmatrix}.$$

By Appendix A, $Var(\hat{\gamma}) = \sigma_{Level-3}^2 \mathbf{I}_{N\times N} \mathbf{D}_{Level-3}^{-1}$. Therefore,

$$Var(\hat{\gamma}) = \begin{bmatrix} \frac{\sigma_{Level-3}^2}{N} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \frac{\sigma_{Level-3}^2}{N\sigma_A^2} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \frac{\sigma_{Level-3}^2}{N\sigma_X^2} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \frac{\sigma_{Level-3}^2}{N\sigma_W^2} & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \frac{\sigma_{Level-3}^2}{N\sigma_A^2\sigma_X^2} & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \frac{\sigma_{Level-3}^2}{N\sigma_A^2\sigma_W^2} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \frac{\sigma_{Level-3}^2}{N\sigma_X^2\sigma_W^2} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{\sigma_{Level-3}^2}{N\sigma_A^2\sigma_X^2\sigma_W^2} \end{bmatrix}.$$

Hence, $s.e.(\hat{\gamma}) = \sqrt{\sigma^2_{Level-3}\mathbf{I}_{N\times N}\mathbf{D}^{-1}_{Level-3}}$. Thus,

$$s.e.(\hat{\gamma}) = \begin{bmatrix} \sqrt{\frac{\sigma^2_{Level-3}}{N}} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_A}} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_X}} & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_A\sigma^2_W}} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_X\sigma^2_W}} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_A\sigma^2_W A}} \end{bmatrix}. \tag{27}$$

Level-4 HLM Measurement Model for 1 Individual Predictor at Level-1, 1 Group Predictor at Level-2, 1 Unit Predictor at Level-3, and 1 Organization Predictor at Level-4.

For Figure 10, the Level-3 coefficients with Level-4 indexing ($\gamma_{000l}, \gamma_{010l}, \gamma_{100l}$, γ_{110l}, $\gamma_{001l}, \gamma_{011l}, \gamma_{101l}$, γ_{111l}), defined in Level-3 of the HLM expressed in Equation 44, become outcome variables in Level-4 of the HLM measurement model such that $l = 1, ..., f$. That is:

$$\begin{aligned} \gamma_{000l} &= \delta_{0000} + \delta_{0001}Z_{ijkl} + v_{000l}, \\ \gamma_{010l} &= \delta_{0100} + \delta_{0101}Z_{ijkl} + v_{010l}, \\ \gamma_{100l} &= \delta_{1000} + \delta_{1001}Z_{ijkl} + v_{100l}, \\ \gamma_{110l} &= \delta_{1100} + \delta_{1101}Z_{ijkl} + v_{110l}, \\ \gamma_{001l} &= \delta_{0010} + \delta_{0011}Z_{ijkl} + v_{001l}, \\ \gamma_{011l} &= \delta_{0110} + \delta_{0111}Z_{ijkl} + v_{011l}, \\ \gamma_{101l} &= \delta_{1010} + \delta_{1011}Z_{ijkl} + v_{101l}, \\ \gamma_{111l} &= \delta_{1110} + \delta_{1111}Z_{ijkl} + v_{111l}, \end{aligned} \tag{28}$$

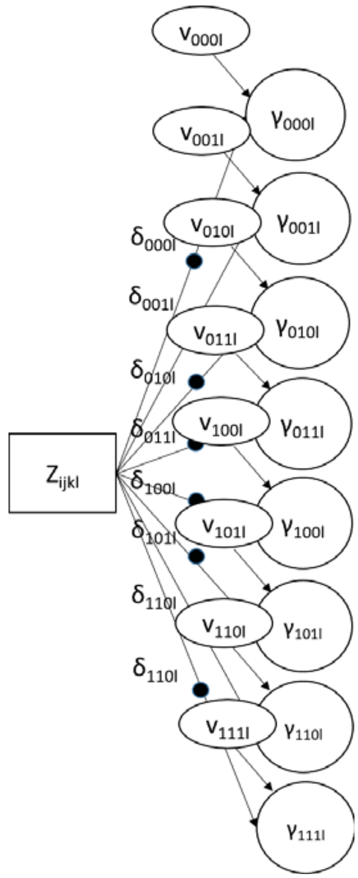

Figure 10. Fourth level of an HLM structural model with 1 organizational predictor at Level-4.

where: δ_{0000},δ_{0100},δ_{1000},δ_{1100},δ_{0010},δ_{0110}, δ_{1010},δ_{1110}: are the intercepts for the organizational effect in modeling the unit effect γ_{ijkl};

Z_{ijkl}: is the Level-4 predictor (organizational-level explanatory variable);

δ_{0001},δ_{0101},δ_{1001},δ_{1101},δ_{0011},δ_{0111},δ_{1011},δ_{1111}: are the Level-4 coefficients that indicate the direction and strength of association between the Level-4 predictor, Z_{ijkl}, and the γ_{ijkl};

v_{000l},v_{010l},v_{100l},v_{110l},v_{001l},v_{001l},v_{101l},v_{111l}: are the Level-4 random errors that represent the deviation of organization $ijkl$'s Level-3 coefficient, γ_{ijkl}, from its predicted value based on the Level-4 model. Such that: $v_{ijkl} \sim N(0, \sigma_v^2)$, $cov(v_{ijkl}, u_{..kl}) = cov(v_{ijkl}, r_{ijkl}) =$

$cov(v_{ijkl}, e_{ijkl}) = cov(u_{ijkl}, r_{ijkl}) = cov(u_{ijkl}, e_{ijkl}) = cov(r_{ijkl}, e_{ijkl}) = 0$ for all i,j,k, and l.

By substitution of the expression from Equation 28 into Equation 44, the full model may be written out as:

$$
\begin{aligned}
Y_{ijkl} = {} & (\delta_{0000} + \delta_{0001}Z_{ijkl} + v_{000l}) + (\delta_{0100} + \delta_{0101}Z_{ijkl} + v_{010l})X_{ijkl} \\
& + (\delta_{0010} + \delta_{0011}Z_{ijkl} + v_{001l})W_{ijkl} + (\delta_{0110} + \delta_{0111}Z_{ijkl} + v_{011l})X_{ijkl}W_{ijkl} \\
& + (\delta_{1000} + \delta_{1001}Z_{ijkl} + v_{100l})A_{.jkl} + (\delta_{1010} + \delta_{1011}Z_{ijkl} + v_{101l})A_{ijkl}W_{ijkl} \\
& + (\delta_{1100} + \delta_{1101}Z_{ijkl} + v_{110l})A_{ijkl}X_{ijkl} + (\delta_{1110} + \delta_{1111}Z_{ijkl} + v_{111l})A_{ijkl}X_{ijkl}W_{ijkl} \\
& + u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl}
\end{aligned}
$$

$$
\begin{aligned}
= {} & \delta_{0000} + \delta_{0001}Z_{ijkl} + v_{000l} + \delta_{0100}X_{ijkl} + \delta_{0101}X_{ijkl}Z_{ijkl} + v_{010l}X_{ijkl} + \delta_{0010}W_{ijkl} \\
& + \delta_{0011}W_{ijkl}Z_{ijkl} + v_{001l}W_{ijkl} + \delta_{0110}X_{ijkl}W_{ijkl} + \delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl} + v_{011l}X_{ijkl}W_{ijkl} \\
& + \delta_{1000}A_{ijkl} + \delta_{1001}A_{ijkl}Z_{...} + v_{100l}A_{ijkl} + \delta_{1010}A_{ijkl}W_{ijkl} + \delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl} \\
& + v_{101l}A_{ijkl}W_{ijkl} + \delta_{1100}A_{ijkl}X_{ijkl} + \delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl} + v_{110l}A_{ijkl}X_{ijkl} \\
& + \delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl} + \delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} + v_{111l}A_{ijkl}X_{ijkl}W_{ijkl} \\
& + u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl}
\end{aligned}
$$

$$
\begin{aligned}
= {} & \delta_{0000} + \delta_{1000}A_{ijkl} + \delta_{0100}X_{ijkl} + \delta_{0010}W_{ijkl} + \delta_{0001}Z_{ijkl} + \delta_{1100}A_{ijkl}X_{ijkl} + \delta_{1010}A_{ijkl}W_{ijkl} \\
& + \delta_{1001}A_{ijkl}Z_{...} + \delta_{0110}X_{ijkl}W_{ijkl} + \delta_{0101}X_{ijkl}Z_{ijkl} + \delta_{0011}W_{ijkl}Z_{ijkl} + \delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl} \\
& + \delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl} + \delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} \\
& + v_{111l}A_{ijkl}X_{ijkl}W_{ijkl} + v_{011l}X_{ijkl}W_{ijkl} + v_{101l}A_{ijkl}W_{ijkl} + v_{110l}A_{ijkl}X_{ijkl} \\
& + v_{001l}W_{ijkl} + v_{010l}X_{ijkl} + v_{100l}A_{ijkl} + v_{000l} \\
& + u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl}.
\end{aligned}
$$

Thus the Level-4 HLM combined measurement model for one individual predictor on

Level-1, one group predictor on Level-2, one unit predictor on Level-3 and one organization predictor on Level-4 is

$$\begin{aligned}
Y_{ijkl} = {} & \delta_{0000} + \delta_{1000}A_{ijkl} + \delta_{0100}X_{ijkl} + \delta_{0010}W_{ijkl} + \delta_{0001}Z_{ijkl} + \delta_{1100}A_{ijkl}X_{ijkl} + \delta_{1010}A_{ijkl}W_{ijkl} \\
& + \delta_{1001}A_{ijkl}Z_{ijkl} + \delta_{0110}X_{ijkl}W_{ijkl} + \delta_{0101}X_{ijkl}Z_{ijkl} + \delta_{0011}W_{ijkl}Z_{ijkl} + \delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl} \\
& + \delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl} + \delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} \\
& + v_{111l}A_{ijkl}X_{ijkl}W_{ijkl} + v_{011l}X_{ijkl}W_{ijkl} + v_{101l}A_{ijkl}W_{ijkl} + v_{110l}A_{ijkl}X_{ijkl} \\
& + v_{001l}W_{ijkl} + v_{010l}X_{ijkl} + v_{100l}A_{ijkl} + v_{000l} \\
& + u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl}.
\end{aligned} \tag{29}$$

For a Level-4 HLM analysis, the proportion of variance of individuals is

$$ICC_1 = \frac{\sigma_e^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2 + \sigma_u^2}.$$

The proportion of variance among groups is

$$ICC_2 = \frac{\sigma_r^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2 + \sigma_v^2}.$$

The proportion of variance among units is

$$ICC_3 = \frac{\sigma_r^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2 + \sigma_v^2}.$$

The proportion of variance among organizations is

$$ICC_4 = \frac{\sigma_v^2}{\sigma_e^2 + \sigma_r^2 + \sigma_u^2 + \sigma_v^2}.$$

Level-4 Derived Variance.

For a Level-4 HLM,

$$\mathbf{Y}_{N\times 1} = \mathbf{M}_{N\times p}\delta_{p\times 1} + \varepsilon_{N\times 1}$$

where:

N is the total sample size, $N = nghf$, for number of Level-1 individuals, n, the number of Level-2 groups, g, the number of Level-3 units, g, and the number of Level-4 organizations, f;

p is the number of Level-4 coefficients ($\delta_{0000}, \delta_{0001}, \delta_{0010}$, δ_{0011}, δ_{0100}, δ_{0101}, δ_{0110}, δ_{0111}, δ_{1000}, δ_{1001}, δ_{1010}, δ_{1011}, δ_{1100}, δ_{1101}, δ_{1110}, δ_{1111}).

In expanded form, this implies

$$
\begin{bmatrix} Y_{1111} \\ Y_{2111} \\ Y_{3111} \\ \vdots \\ Y_{n-1ghf} \\ Y_{nghf} \end{bmatrix} = \begin{bmatrix} 1 & A_{1111} & X_{1111} & W_{1111} & Z_{1111} & ... & A_{1111}X_{1111}W_{1111}Z_{1111} \\ 1 & A_{2111} & X_{2111} & W_{2111} & Z_{2111} & ... & A_{2111}X_{2111}W_{2111}Z_{2111} \\ 1 & A_{3111} & X_{3111} & W_{3111} & Z_{3111} & ... & A_{3111}X_{3111}W_{3111}Z_{3111} \\ & & & \vdots & & & \\ 1 & A_{n-1ghf} & X_{n-1ghf} & W_{n-1ghf} & Z_{n-1ghf} & ... & A_{n-1ghf}X_{n-1ghf}W_{n-1ghf}Z_{n-1ghf} \\ 1 & A_{nghf} & X_{nghf} & W_{nghf} & Z_{nghf} & ... & A_{nghf}X_{nghf}W_{nghf}Z_{nghf} \end{bmatrix} \begin{bmatrix} \delta_{0000} \\ \delta_{0001} \\ \delta_{0010} \\ \delta_{0011} \\ \delta_{0100} \\ \delta_{0101} \\ \delta_{0110} \\ \delta_{0111} \\ \delta_{1000} \\ \delta_{1001} \\ \delta_{1010} \\ \delta_{1011} \\ \delta_{1100} \\ \delta_{1101} \\ \delta_{1110} \\ \delta_{1111} \end{bmatrix}
$$

$$
+ \begin{bmatrix} r_{1111}A_{1111} + u_{1011}A_{1111} + +v_{1001}A_{1111} + ... + v_{0001} + r_{0111} + u_{0011} + e_{1111} \\ r_{1111}A_{2111} + u_{1011}A_{2111} + +v_{1001}A_{2111} + ... + v_{0001} + r_{0111} + u_{0011} + e_{2111} \\ r_{1111}A_{3111} + u_{1011}A_{3111} + +v_{1001}A_{3111} + ... + v_{0001} + r_{0111} + u_{0011} + e_{3111} \\ \vdots \\ r_{1ghf}A_{n-1ghf} + u_{10hf}A_{n-1ghf} + +v_{100f}A_{n-1ghf} + ... + v_{000f} + r_{0ghf} + u_{00hf} + e_{n-1ghf} \\ r_{1ghf}A_{n-1ghf} + u_{10hf}A_{nghf} + +v_{100f}A_{nghf} + ... + v_{000f} + r_{0ghf} + u_{00hf} + e_{nghf} \end{bmatrix},
$$

for $\mathbf{Y} = [Y_{1111}, Y_{2111}, ..., Y_{nghf}]'$ and $Y_{ijkl} \sim N(\mathbf{M}\delta, \mathbf{\Sigma})$. Recall, A_{ijkl}, X_{ijkl}, W_{ijkl}, and Z_{ijkl} are independent. Therefore,

$$\Sigma_{ijkl} = Var(Y_{ijkl})$$

$$= Var(\delta_{0000} + \delta_{1000}A_{ijkl} + \delta_{0100}X_{ijkl} + \delta_{0010}W_{ijkl} + \delta_{0001}Z_{ijkl} + \delta_{1100}A_{ijkl}X_{ijkl}$$

$$+ \delta_{1010}A_{ijkl}W_{ijkl}$$

$$+ \delta_{1001}A_{ijkl}Z_{...} + \delta_{0110}X_{ijkl}W_{ijkl} + \delta_{0101}X_{ijkl}Z_{ijkl} + \delta_{0011}W_{ijkl}Z_{ijkl} + \delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl}$$

$$+ \delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl} + \delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl}$$

$$+ \delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}$$

$$+ v_{111l}A_{ijkl}X_{ijkl}W_{ijkl} + v_{011l}X_{ijkl}W_{ijkl} + v_{101l}A_{ijkl}W_{ijkl} + v_{110l}A_{ijkl}X_{ijkl}$$

$$+ v_{001l}W_{ijkl} + v_{010l}X_{ijkl} + v_{100l}A_{ijkl} + v_{000l}$$

$$+ u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl})$$

$$= Var(\delta_{0000}) + Var(\delta_{1000}A_{ijkl}) + Var(\delta_{0100}X_{ijkl}) + Var(\delta_{0010}W_{ijkl}) + Var(\delta_{0001}Z_{ijkl})$$

$$+ Var(\delta_{1100}A_{ijkl}X_{ijkl}) + Var(\delta_{1010}A_{ijkl}W_{ijkl}) + Var(\delta_{1001}A_{ijkl}Z_{...}) + Var(\delta_{0110}X_{ijkl}W_{ijkl})$$

$$+ Var(\delta_{0101}X_{ijkl}Z_{ijkl}) + Var(\delta_{0011}W_{ijkl}Z_{ijkl}) + Var(\delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl})$$

$$+ Var(\delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl}) + Var(\delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl}) + Var(\delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl})$$

$$+ Var(\delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}) + Var(v_{111l}A_{ijkl}X_{ijkl}W_{ijkl}) + Var(v_{011l}X_{ijkl}W_{ijkl})$$

$$+ Var(v_{101l}A_{ijkl}W_{ijkl}) + Var(v_{110l}A_{ijkl}X_{ijkl}) + Var(v_{001l}W_{ijkl}) + Var(v_{010l}X_{ijkl})$$

$$+ Var(v_{100l}A_{ijkl}) + Var(v_{000l}) + Var(u_{11kl}A_{ijkl}X_{ijkl}) + Var(u_{00kl}) + Var(u_{01kl}X_{ijkl})$$

$$+ Var(u_{10kl}A_{ijkl}) + Var(r_{1jkl}A_{ijkl}) + Var(r_{0jkl}) + Var(e_{ijkl})$$

$$= 0 + \delta_{1000}^2\sigma_A^2 + \delta_{0100}^2\sigma_X^2 + \delta_{0010}^2\sigma_W^2 + \delta_{0001}^2\sigma_Z^2$$

$$+ \delta_{1100}^2\sigma_A^2\sigma_X^2 + \delta_{1010}^2\sigma_A^2\sigma_W^2 + \delta_{1001}^2\sigma_A^2\sigma_Z^2 + \delta_{0110}^2\sigma_X^2\sigma_W^2$$

$$+ \delta_{0101}^2\sigma_X^2\sigma_Z^2 + \delta_{0011}^2\sigma_W^2\sigma_Z^2 + \delta_{1110}^2\sigma_A^2\sigma_X^2\sigma_W^2$$

$$+ \delta_{1101}^2\sigma_A^2\sigma_X^2\sigma_Z^2 + \delta_{1011}^2\sigma_A^2\sigma_W^2\sigma_Z^2 + \delta_{0111}^2\sigma_X^2\sigma_W^2\sigma_Z^2$$

$$
\begin{aligned}
&+ \delta_{1111}^2\sigma_A^2\sigma_X^2\sigma_W^2\sigma_Z^2 + \sigma_r^2 + \sigma_u^2 + \sigma_v^2 + \sigma_r^2\sigma_A^2 \\
&+ \sigma_u^2\sigma_A^2 + \sigma_u^2\sigma_X^2 + \sigma_u^2\sigma_A^2\sigma_X^2 + \sigma_v^2\sigma_A^2 + \sigma_v^2\sigma_X^2 + \sigma_v^2\sigma_W^2 + \sigma_v^2\sigma_A^2\sigma_X^2 + \sigma_v^2\sigma_A^2\sigma_W^2 \\
&+ \sigma_v^2\sigma_X^2\sigma_W^2 + \sigma_v^2\sigma_A^2\sigma_X^2\sigma_W^2 + \sigma_e^2
\end{aligned}
$$

$$
\begin{aligned}
&= \delta_{1000}^2\sigma_A^2 + \delta_{0100}^2\sigma_X^2 + \delta_{0010}^2\sigma_W^2 + \delta_{0001}^2\sigma_Z^2 \\
&+ \delta_{1100}^2\sigma_A^2\sigma_X^2 + \delta_{1010}^2\sigma_A^2\sigma_W^2 + \delta_{1001}^2\sigma_A^2\sigma_Z^2 + \delta_{0110}^2\sigma_X^2\sigma_W^2 \\
&+ \delta_{0101}^2\sigma_X^2\sigma_Z^2 + \delta_{0011}^2\sigma_W^2\sigma_Z^2 + \delta_{1110}^2\sigma_A^2\sigma_X^2\sigma_W^2 \\
&+ \delta_{1101}^2\sigma_A^2\sigma_X^2\sigma_Z^2 + \delta_{1011}^2\sigma_A^2\sigma_W^2\sigma_Z^2 + \delta_{0111}^2\sigma_X^2\sigma_W^2\sigma_Z^2 \\
&+ \delta_{1111}^2\sigma_A^2\sigma_X^2\sigma_W^2\sigma_Z^2 + \sigma_r^2 + \sigma_u^2 + \sigma_v^2 + \sigma_r^2\sigma_A^2 \\
&+ \sigma_u^2\sigma_A^2 + \sigma_u^2\sigma_X^2 + \sigma_u^2\sigma_A^2\sigma_X^2 + \sigma_v^2\sigma_A^2 + \sigma_v^2\sigma_X^2 + \sigma_v^2\sigma_W^2 + \sigma_v^2\sigma_A^2\sigma_X^2 + \sigma_v^2\sigma_A^2\sigma_W^2 \\
&+ \sigma_v^2\sigma_X^2\sigma_W^2 + \sigma_v^2\sigma_A^2\sigma_X^2\sigma_W^2 + \sigma_e^2 \\
&= \sigma_{Level-4}^2
\end{aligned}
$$

such that

$$
\mathbf{\Sigma} = \begin{bmatrix}
\begin{matrix}\delta_{1000}^2\sigma_A^2 + ... + \sigma_u^2 + \sigma_v^2 \\ +... + \sigma_v^2\sigma_A^2\sigma_X^2\sigma_W^2 + \sigma_e^2\end{matrix} & 0 & \cdots & 0 \\
0 & \begin{matrix}\delta_{1000}^2\sigma_A^2 + ... + \sigma_u^2 + \sigma_v^2 \\ +... + \sigma_v^2\sigma_A^2\sigma_X^2\sigma_W^2 + \sigma_e^2\end{matrix} & \cdots & 0 \\
0 & 0 & \ddots & 0 \\
0 & 0 & \cdots & \begin{matrix}\delta_{1000}^2\sigma_A^2 + ... + \sigma_u^2 + \sigma_v^2 \\ +... + \sigma_v^2\sigma_A^2\sigma_X^2\sigma_W^2 + \sigma_e^2\end{matrix}
\end{bmatrix}.
$$

For the standard errors of the Level-4 model coefficients, consider

$\mathbf{D}_{Level-4} = \mathbf{M}'_{Level-4}\mathbf{M}_{Level-4}$. Then,

$\mathbf{D}_{Level-4} =$

$$\begin{bmatrix} 1 & \dots & 1 \\ A_{1111} & \dots & A_{nghf} \\ X_{.111} & \dots & X_{.ghf} \\ W_{..11} & \dots & W_{..hf} \\ Z_{...1} & \dots & Z_{...f} \\ \vdots & \ddots & \vdots \\ A_{1111}X_{.111}W_{..11}Z_{...1} & \dots & A_{nghf}X_{.ghf}W_{..hf}Z_{...f} \end{bmatrix} \begin{bmatrix} 1 & A_{1111} & X_{.111} & ... & A_{1111}X_{.111}W_{..11}Z_{...1} \\ 1 & A_{1112} & X_{.112} & ... & A_{1112}X_{.112}W_{..12}Z_{...2} \\ 1 & A_{1113} & X_{.113} & ... & A_{1113}X_{.113}W_{..13}Z_{...3} \\ \vdots & \vdots & \vdots & \ddots & \vdots \\ 1 & A_{nghf} & X_{.ghf} & ... & A_{nghf}X_{.ghf}W_{..hf}Z_{...f} \end{bmatrix}$$

$$= \begin{bmatrix} \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} 1 & ... & \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} \\ \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} & ... & \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}W_{ijkl}Z_{ijkl} \\ \vdots & \ddots & \vdots \\ \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} & ... & \sum_{k=1}^{f}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl})^2 \end{bmatrix}$$

$$= \begin{bmatrix} d_{1,1} & d_{1,2} & d_{1,3} & d_{1,4} & d_{1,5} & d_{1,6} & d_{1,7} & d_{1,8} & ... & d_{1,16} \\ d_{2,1} & d_{2,2} & d_{2,3} & d_{2,4} & d_{2,5} & d_{2,6} & d_{2,7} & d_{2,8} & ... & d_{2,16} \\ d_{3,1} & d_{3,2} & d_{3,3} & d_{3,4} & d_{3,5} & d_{3,6} & d_{3,7} & d_{3,8} & ... & d_{3,16} \\ d_{4,1} & d_{4,2} & d_{4,3} & d_{4,4} & d_{4,5} & d_{4,6} & d_{4,7} & d_{4,8} & ... & d_{4,16} \\ d_{5,1} & d_{5,2} & d_{5,3} & d_{5,4} & d_{5,5} & d_{5,6} & d_{5,7} & d_{5,8} & ... & d_{5,16} \\ d_{6,1} & d_{6,2} & d_{6,3} & d_{6,4} & d_{6,5} & d_{6,6} & d_{6,7} & d_{6,8} & ... & d_{6,16} \\ d_{7,1} & d_{7,2} & d_{7,3} & d_{7,4} & d_{7,5} & d_{7,6} & d_{7,7} & d_{7,8} & ... & d_{7,16} \\ \vdots & & & & \ddots & & & & ... & \vdots \\ d_{16,1} & d_{16,2} & d_{16,3} & d_{16,4} & d_{16,5} & d_{16,6} & d_{16,7} & d_{16,8} & ... & d_{16,16} \end{bmatrix},$$

which consists of the following elements:

$$d_{1,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} 1,$$

$$d_{1,2} = d_{2,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl},$$

$$d_{1,3} = d_{3,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl},$$

$$d_{1,4} = d_{4,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl},$$

$$d_{1,5} = d_{5,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} Z_{ijkl},$$

$$d_{1,6} = d_{2,3} = d_{3,2} = d_{6,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl},$$

$$d_{1,7} = d_{2,4} = d_{4,2} = d_{7,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl},$$

$$d_{1,8} = d_{2,5} = d_{5,2} = d_{8,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}Z_{ijkl},$$

$$d_{1,9} = d_{3,4} = d_{4,3} = d_{9,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl},$$

$$d_{1,10} = d_{3,5} = d_{5,3} = d_{10,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}Z_{ijkl},$$

$$d_{1,11} = d_{4,5} = d_{5,4} = d_{11,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}Z_{ijkl},$$

$$d_{1,12} = d_{2,9} = d_{3,7} = d_{4,6} = d_{6,4} = d_{7,3} = d_{9,2} = d_{12,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl},$$

$$d_{1,13} = d_{2,10} = d_{3,8} = d_{8,3} = d_{10,2} = d_{13,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}Z_{ijkl},$$

$$d_{1,14} = d_{2,11} = d_{4,8} = d_{5,7} = d_{7,5} = d_{8,4} = d_{11,2} = d_{14,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}Z_{ijkl},$$

$$d_{1,15} = d_{3,11} = d_{4,10} = d_{5,9} = d_{9,5} = d_{10,4} = d_{11,3} = d_{15,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl}Z_{ijkl},$$

$$\begin{aligned} d_{1,16} &= d_{2,15} = d_{3,14} = d_{4,13} = d_{5,12} = d_{6,11} = d_{7,10} = d_{8,9} = d_{9,8} = d_{10,7} \\ &= d_{11,6} = d_{12,5} = d_{13,4} = d_{14,3} = d_{15,2} = d_{16,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}, \end{aligned}$$

$$d_{2,2} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2,$$

$$d_{2,6} = d_{6,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl},$$

$$d_{2,7} = d_{7,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 W_{ijkl},$$

$$d_{2,8} = d_{8,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 Z_{ijkl},$$

$$d_{2,12} = d_{6,7} = d_{7,6} = d_{12,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl},$$

$$d_{2,13} = d_{6,8} = d_{8,6} = d_{13,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} Z_{ijkl},$$

$$d_{2,14} = d_{7,8} = d_{8,7} = d_{14,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 W_{ijkl} Z_{ijkl},$$

$$\begin{aligned} d_{2,16} &= d_{6,14} = d_{7,13} = d_{8,12} = d_{12,8} = d_{13,7} = d_{14,6} = d_{16,2} \\ &= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl} Z_{ijkl}, \end{aligned}$$

$$d_{3,3} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2,$$

$$d_{3,6} = d_{6,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2,$$

$$d_{3,9} = d_{9,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl} W_{ijkl}^2,$$

$$d_{3,10} = d_{10,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 Z_{ijkl},$$

$$d_{3,12} = d_{6,9} = d_{9,6} = d_{12,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl},$$

$$d_{3,13} = d_{6,10} = d_{10,6} = d_{13,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 Z_{ijkl},$$

$$d_{3,15} = d_{9,10} = d_{10,9} = d_{15,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 W_{ijkl} 2 Z_{ijkl},$$

$$d_{3,16} = d_{6,15} = d_{9,13} = d_{10,12} = d_{12,10} = d_{13,9} = d_{15,6} = d_{16,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl} Z_{ijkl},$$

$$d_{4,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}^2,$$

$$d_{4,7} = d_{7,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}^2,$$

$$d_{4,9} = d_{9,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl}^2,$$

$$d_{4,11} = d_{11,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}^2 Z_{ijkl},$$

$$d_{4,12} = d_{7,9} = d_{9,7} = d_{12,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}^2,$$

$$d_{4,14} = d_{7,11} = d_{11,7} = d_{14,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}^2 Z_{ijkl},$$

$$d_{4,15} = d_{9,11} = d_{11,9} = d_{15,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl}^2 Z_{ijkl},$$

$$d_{4,16} = d_{7,15} = d_{11,12} = d_{12,11} = d_{15,7} = d_{16,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}^2 Z_{ijkl},$$

$$d_{5,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} Z_{ijkl}^2,$$

$$d_{5,6} = d_{6,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}Z_{ijkl}^2,$$

$$d_{5,10} = d_{10,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}Z_{ijkl}^2,$$

$$d_{5,11} = d_{11,5} \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}Z_{ijkl}^2,$$

$$d_{5,13} = d_{8,10} = d_{10,8} = d_{13,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}Z_{ijkl}^2,$$

$$d_{5,14} = d_{8,11} = d_{11,8} = d_{14,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}Z_{ijkl}^2,$$

$$d_{5,15} = d_{10,11} = d_{11,10} = d_{15,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl}Z_{ijkl}^2,$$

$$d_{5,16} = d_{8,15} = d_{10,14} = d_{11,13} = d_{13,11} = d_{14,10} = d_{15,8}$$

$$= d_{16,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}^2,$$

$$d_{6,6} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (A_{ijkl}X_{ijkl})^2,$$

$$d_{6,12} = d_{12,6} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}^2W_{ijkl},$$

$$d_{6,13} = d_{13,6} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}^2Z_{ijkl},$$

$$d_{6,16} = d_{12,13} = d_{13,12} = d_{16,6} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}^2W_{ijkl}Z_{ijkl},$$

$$d_{7,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (A_{ijkl}W_{ijkl})^2,$$

$$d_{7,12} = d_{12,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}W_{ijkl}^2,$$

$$d_{7,14} = d_{14,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2W_{ijkl}^2Z_{ijkl},$$

$$d_{7,16} = d_{12,14} = d_{14,12} = d_{16,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}W_{ijkl}^2Z_{ijkl},$$

$$d_{8,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (A_{ijkl}Z_{ijkl})^2,$$

$$d_{8,13} = d_{13,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}Z_{ijkl}^2,$$

$$d_{8,14} = d_{14,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2W_{ijkl}Z_{ijkl}^2,$$

$$d_{8,16} = d_{13,14} = d_{14,13} = d_{16,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}W_{ijkl}Z_{ijkl}^2,$$

$$d_{9,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (X_{ijkl}W_{ijkl})^2,$$

$$d_{9,12} = d_{12,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (X_{ijkl}W_{ijkl})^2,$$

$$d_{9,14} = d_{14,9} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} X_{ijkl} W_{ijkl}^2 Z_{ijkl},$$

$$d_{9,15} = d_{15,9} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl},$$

$$d_{9,16} = d_{12,15} = d_{15,12} = d_{16,9} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl},$$

$$d_{10,10} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (X_{ijkl} Z_{ijkl})^2,$$

$$d_{10,11} = d_{11,10} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 Z_{ijkl}^2,$$

$$d_{10,15} = d_{15,10} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2,$$

$$d_{10,16} = d_{13,15} = d_{15,13} = d_{16,10} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2,$$

$$d_{11,11} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (W_{ijkl} Z_{ijkl})^2,$$

$$d_{11,14} = d_{14,11} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} W_{ijkl} Z_{ijkl}^2,$$

$$d_{11,15} = d_{15,11} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijkl} W_{ijkl}^2 Z_{ijkl}^2,$$

$$d_{11,16} = d_{14,15} = d_{15,14} = d_{16,11} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} X_{ijkl} W_{ijkl}^2 Z_{ijkl}^2,$$

$$d_{12,12} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (A_{ijkl} X_{ijkl} W_{ijkl})^2,$$

$$d_{12,16} = d_{16,12} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl},$$

$$d_{13,13} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (A_{ijkl} X_{ijkl} Z_{ijkl})^2,$$

$$d_{13,16} = d_{16,13} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2,$$

$$d_{14,14} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}W_{ijkl}Z_{ijkl})^2,$$

$$d_{14,16} = d_{16,14} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl}^2 Z_{ijkl}^2,$$

$$d_{15,15} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(X_{ijkl}W_{ijkl}Z_{ijkl})^2,$$

$$d_{15,16} = d_{16,15} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}^2,$$

$$d_{16,16} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl})^2.$$

The standard error of each parameter $\hat{\delta}_{\mathbf{ijkl}}$ are the analogous diagonal elements derived in Appendix A. That is, generally $s.e.(\mu) = \sqrt{\mathbf{\Sigma(M'M)^{-1}}}$ (Appendix A). Therefore, for a Level-4 HLM $s.e.(\hat{\delta}) = \sqrt{\sigma^2_{Level-4}\mathbf{I}_{N\times N}\mathbf{D}^{-1}_{Level-4}}$. If the Level-4 HLM predictors have the following distributions $A_{ijkl} \sim N(0, \sigma_A^2)$, $X_{ijkl} \sim N(0, \sigma_X^2)$, $W_{ijkl} \sim N(0, \sigma_W^2)$, and $Z_{ijkl} \sim N(0, \sigma_Z^2)$, then the elements of $\mathbf{D}_{Level-4}$ are:

$$d_{1,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} 1 = nghf = N,$$

$$d_{1,2} = d_{2,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} = nghfE[A_{ijkl}] = N\mu_A = N(0) = 0,$$

$$d_{1,3} = d_{3,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl} = nghfE[X_{ijkl}] = N\mu_X = N(0) = 0,$$

$$d_{1,4} = d_{4,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl} = nghfE[W_{ijkl}] = N\mu_W = N(0) = 0,$$

$$d_{1,5} = d_{5,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} Z_{ijkl} = nghfE[Z_{ijkl}] = N\mu_Z = N(0) = 0,$$

$$d_{1,6} = d_{2,3} = d_{3,2} = d_{6,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl} = nghfE[A_{ijkl}X_{ijkl}]$$

$$= N(cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}]) = N(cov(A_{ijkl}, X_{ijkl}) + \mu_A\mu_X)$$

$$= N(0 + (0)(0)) = 0,$$

$$d_{1,7} = d_{2,4} = d_{4,2} = d_{7,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl} = nghfE[A_{ijkl}W_{ijkl}]$$

$$= N(cov(A_{ijkl}, W_{ijkl}) + E[A_{ijkl}]E[W_{ijkl}]) = N(cov(A_{ijkl}, W_{ijkl}) + \mu_A\mu_W)$$

$$= N(0 + (0)(0)) = 0,$$

$$d_{1,8} = d_{2,5} = d_{5,2} = d_{8,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}Z_{ijkl} = nghfE[A_{ijkl}Z_{ijkl}]$$

$$= N(cov(A_{ijkl}, Z_{ijkl}) + E[A_{ijkl}]E[Z_{ijkl}]) = N(cov(A_{ijkl}, Z_{ijkl}) + \mu_A\mu_Z)$$

$$= N(0 + (0)(0)) = 0,$$

$$d_{1,9} = d_{3,4} = d_{4,3} = d_{9,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl} = nghfE[A_{ijkl}W_{ijkl}]$$

$$= N(cov(A_{ijkl}, W_{ijkl}) + E[A_{ijkl}]E[W_{ijkl}]) = N(cov(A_{ijkl}, W_{ijkl}) + \mu_A\mu_W)$$

$$= N(0 + (0)(0)) = 0,$$

$$d_{1,10} = d_{3,5} = d_{5,3} = d_{10,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}Z_{ijkl} = nghfE[X_{ijkl}Z_{ijkl}]$$

$$= N(cov(X_{ijkl}, Z_{ijkl}) + E[X_{ijkl}]E[Z_{ijkl}]) = N(cov(X_{ijkl}, Z_{ijkl}) + \mu_X\mu_Z),$$

$$= N(0 + (0)(0)) = 0,$$

$$d_{1,11} = d_{4,5} = d_{5,4} = d_{11,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}Z_{ijkl} = nghfE[W_{ijkl}Z_{ijkl}]$$

$$= N(cov(W_{ijkl}, Z_{ijkl}) + E[W_{ijkl}]E[Z_{ijkl}]) = N(cov(W_{ijkl}, Z_{ijkl}) + \mu_W\mu_Z)$$

$$= N(0 + (0)(0)) = 0,$$

$$d_{1,12} = d_{2,9} = d_{3,7} = d_{4,6} = d_{6,4} = d_{7,3} = d_{9,2} = d_{12,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}$$

$$= nghfE[A_{ijkl}X_{ijkl}W_{ijkl}] = N(cov(A_{ijkl}X_{ijkl}, W_{ijkl}) + E[A_{ijkl}X_{ijkl}]E[W_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijk}]E[X_{ijk}])E[W_{ijkl}])$$

$$= N(0 + (0 + \mu_A\mu_X)\mu_W) = N(0 + (0 + (0)(0))0) = 0,$$

$$d_{1,13} = d_{2,10} = d_{3,8} = d_{8,3} = d_{10,2} = d_{13,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}Z_{ijkl}$$

$$= nghfE[A_{ijkl}X_{ijkl}Z_{ijkl}] = N(cov(A_{ijkl}X_{ijkl}, Z_{ijkl}) + E[A_{ijkl}X_{ijkl}]E[Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijk}]E[X_{ijk}])E[Z_{ijkl}])$$

$$= N(0 + (0 + \mu_A\mu_X)\mu_Z) = N(0 + (0 + (0)(0))0) = 0,$$

$$d_{1,14} = d_{2,11} = d_{4,8} = d_{5,7} = d_{7,5} = d_{8,4} = d_{11,2} = d_{14,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}Z_{ijkl}$$

$$= nghfE[A_{ijkl}W_{ijkl}Z_{ijkl}] = N(cov(A_{ijkl}W_{ijkl}, Z_{ijkl}) + E[A_{ijkl}W_{ijkl}]E[Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, W_{ijkl}) + E[A_{ijk}]E[W_{ijk}])E[Z_{ijkl}])$$

$$= N(0 + (0 + \mu_A\mu_W)\mu_Z) = N(0 + (0 + (0)(0))0) = 0,$$

$$d_{1,15} = d_{3,11} = d_{4,10} = d_{5,9} = d_{9,5} = d_{10,4} = d_{11,3} = d_{15,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl}Z_{ijkl}$$

$$= nghfE[X_{ijkl}W_{ijkl}Z_{ijkl}] = N(cov(X_{ijkl}W_{ijkl}, Z_{ijkl}) + E[X_{ijkl}W_{ijkl}]E[Z_{ijkl}])$$

$$= N(0 + (cov(X_{ijkl}, W_{ijkl}) + E[X_{ijk}]E[W_{ijk}])E[Z_{ijkl}])$$

$$= N(0 + (0 + \mu_X\mu_W)\mu_Z) = N(0 + (0 + (0)(0))0) = 0,$$

$$d_{1,16} = d_{2,15} = d_{3,14} = d_{4,13} = d_{5,12} = d_{6,11} = d_{7,10} = d_{8,9} = d_{9,8} = d_{10,7}$$

$$= d_{11,6} = d_{12,5} = d_{13,4} = d_{14,3} = d_{15,2} = d_{16,1} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}$$

$$= nghfE[A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}]$$

$$= N(cov(A_{ijkl}X_{ijkl}, W_{ijkl}Z_{ijkl}) + E[A_{ijkl}X_{ijkl}]E[W_{ijkl}Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}])(cov(W_{ijkl}, Z_{ijkl}) + E[W_{ijkl}]E[Z_{ijkl}]))$$

$$= N(0 + (0 + \mu_A\mu_X)(0 + \mu_W\mu_Z)) = N(0 + (0 + (0)(0))(0 + (0)(0))) = 0,$$

$$d_{2,2} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 = nghfE[A_{ijkl}^2] = N(_A^2 + \mu_A^2) = N(\sigma_A^2 + 0) = N\sigma_A^2,$$

$$d_{2,6} = d_{6,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl} = nghfE[A_{ijkl}^2X_{ijkl}]$$

$$= N(cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}]) = N(0 + (\sigma_A^2 + \mu_A^2)\mu_X)$$

$$= N(0 + (\sigma_A^2 + 0)0) = 0,$$

$$d_{2,7} = d_{7,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 W_{ijkl} = nghfE[A_{ijkl}^2 W_{ijkl}]$$

$$= N(cov(A_{ijkl}^2, W_{ijkl}) + E[A_{ijkl}^2]E[W_{ijkl}]) = N(0 + (\sigma_A^2 + \mu_A^2)\mu_W)$$

$$= N(0 + (\sigma_A^2 + 0)0) = 0,$$

$$d_{2,8} = d_{8,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 Z_{ijkl} = nghfE[A_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2, Z_{ijkl}) + E[A_{ijkl}^2]E[Z_{ijkl}]) = N(0 + (\sigma_A^2 + \mu_A^2)\mu_Z)$$

$$= N(0 + (\sigma_A^2 + 0)0) = 0,$$

$$d_{2,12} = d_{6,7} = d_{7,6} = d_{12,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl} = nghfE[A_{ijkl}^2 X_{ijkl} W_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, W_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}]E[W_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])E[W_{ijkl}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)\mu_X)\mu_W) = N(0 + (0 + (\sigma_A^2 + (0))0)0) = 0,$$

$$d_{2,13} = d_{6,8} = d_{8,6} = d_{13,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} Z_{ijkl} = nghfE[A_{ijkl}^2 X_{ijkl} Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}]E[Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])E[Z_{ijkl}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)\mu_X)\mu_Z) = N(0 + (0 + (\sigma_A^2 + (0))0)0) = 0,$$

$$d_{2,14} = d_{7,8} = d_{8,7} = d_{14,2} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 W_{ijkl} Z_{ijkl} = nghfE[A_{ijkl}^2 W_{ijkl} Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 W_{ijkl}, Z_{ijkl}) + E[A_{ijkl}^2 W_{ijkl}]E[Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, W_{ijkl}) + E[A_{ijkl}^2]E[W_{ijkl}])E[Z_{ijkl}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)\mu_W)\mu_Z) = N(0 + (0 + (\sigma_A^2 + (0))0)0) = 0,$$

$$d_{2,16} = d_{6,14} = d_{7,13} = d_{8,12} = d_{12,8} = d_{13,7} = d_{14,6} = d_{16,2}$$

$$= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl} Z_{ijkl} = nghfE[A_{ijkl}^2 X_{ijkl} W_{ijkl} Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, W_{ijkl} Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}]E[W_{ijkl} Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])(cov(W_{ijkl}, Z_{ijkl}) + E[W_{ijkl}]E[Z_{ijkl}]))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)\mu_X)(0 + \mu_W \mu_Z)) = N(0 + (0 + (\sigma_A^2 + 0)0)(0 + (0)(0))) = 0,$$

$$d_{3,3} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 = nghfE[X_{ijkl}^2] = N(\sigma_X^2 + \mu_X^2) = N(\sigma_X^2 + 0) = N\sigma_X^2,$$

$$d_{3,6} = d_{6,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 = nghfE[A_{ijkl} X_{ijkl}^2]$$

$$= N(cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2]) = N(0 + \mu_A(\sigma_X^2 + \mu_X))$$

$$= N(0 + 0(\sigma_X^2 + 0)) = 0,$$

$$d_{3,9} = d_{9,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl} W_{ijkl}^2 = nghfE[X_{ijkl} W_{ijkl}^2]$$

$$= N(cov(X_{ijkl}, W_{ijkl}^2) + E[X_{ijkl}]E[W_{ijkl}^2]) = N(0 + \mu_X(\sigma_W^2 + \mu_W))$$

$$= N(0 + 0(\sigma_W^2 + 0)) = 0,$$

$$d_{3,10} = d_{10,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 Z_{ijkl} = nghfE[X_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(X_{ijkl}^2, Z_{ijkl}) + E[X_{ijkl}^2]E[Z_{ijkl}]) = N(0 + (\sigma_X^2 + \mu_X)\mu_Z)$$

$$= N(0 + (\sigma_X^2 + 0)0) = 0,$$

$$d_{3,12} = d_{6,9} = d_{9,6} = d_{12,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl} = nghfE[A_{ijkl} X_{ijkl}^2 W_{ijkl}]$$

$$= N(cov(A_{ijkl} X_{ijkl}^2, W_{ijkl}) + E[A_{ijkl} X_{ijkl}^2]E[W_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])\mu_W)$$

$$= N(0 + (0 + \mu_A(\sigma_X^2 + \mu_X^2))\mu_W) = N(0 + (0 + 0(\sigma_X^2 + 0))0) = 0,$$

$$d_{3,13} = d_{6,10} = d_{10,6} = d_{13,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 Z_{ijkl} == nghfE[A_{ijkl} X_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl} X_{ijkl}^2, Z_{ijkl}) + E[A_{ijkl} X_{ijkl}^2]E[Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])\mu_Z)$$

$$= N(0 + (0 + \mu_A(\sigma_X^2 + \mu_X^2))\mu_Z) = N(0 + (0 + 0(\sigma_X^2 + 0))0) = 0,$$

$$d_{3,15} = d_{9,10} = d_{10,9} = d_{15,3} = \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 W_{ijkl} Z_{ijkl} = nghfE[X_{ijkl}^2 W_{ijkl} Z_{ijkl}]$$

$$= N(cov(X_{ijkl}^2, W_{ijkl}Z_{ijkl}) + E[X_{ijkl}^2]E[W_{ijkl}Z_{ijkl}])$$

$$= N(0 + (\sigma_X^2 + \mu_X^2)(cov(W_{ijkl}, Z_{ijkl}) + E[W_{ijkl}]E[Z_{ijkl}]))$$

$$= N(0 + (\sigma_X^2 + \mu_X^2)(0 + \mu_W \mu_Z)) = N(0 + (\sigma_X^2 + 0)(0 + (0)(0))) = 0,$$

$$d_{3,16} = d_{6,15} = d_{9,13} = d_{10,12} = d_{12,10} = d_{13,9} = d_{15,6} = d_{16,3}$$

$$= \sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl} Z_{ijkl} = nghfE[A_{ijkl} X_{ijkl}^2 W_{ijkl} Z_{ijkl}]$$

$$= N(cov(A_{ijkl}X_{ijkl}^2, W_{ijkl}Z_{ijkl}) + E[A_{ijkl}X_{ijkl}^2]E[W_{ijkl}Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])(cov(W_{ijkl}, Z_{ijkl}]) + E[W_{ijkl}]E[Z_{ijkl}]))$$

$$= N(0 + (0 + \mu_A(\sigma_X^2 + \mu_X^2))(0 + \mu_W \mu_Z))$$

$$= N(0 + (0 + 0(\sigma_X^2 + 0))(0 + (0)(0))) = 0,$$

$$d_{4,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}^2 = nghfE[W_{ijkl}^2] = N(\sigma_W^2 + \mu_W^2) == N(\sigma_W^2 + 0) = N\sigma_W^2,$$

$$d_{4,7} = d_{7,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} W_{ijkl}^2 = nghfE[A_{ijkl} W_{ijkl}^2]$$

$$= N(cov(A_{ijkl}, W_{ijkl}^2) + E[A_{ijkl}]E[W_{ijkl}^2]) = N(0 + \mu_A(\sigma_W^2 + \mu_W))$$

$$= N(0 + 0(\sigma_W^2 + 0)) = 0,$$

$$d_{4,9} = d_{9,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl} W_{ijkl}^2 = nghfE[X_{ijkl} W_{ijkl}^2]$$

$$= N(cov(X_{ijkl}, W_{ijkl}^2) + E[X_{ijkl}]E[W_{ijkl}^2]) = N(0 + \mu_X(\sigma_W^2 + \mu_W))$$

$$= N(0 + 0(\sigma_W^2 + 0)) = 0,$$

$$d_{4,11} = d_{11,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}^2 Z_{ijkl} = nghfE[W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}]) = N(0 + (\sigma_W^2 + \mu_W)\mu_Z)$$

$$= N(0 + (\sigma_W^2 + 0)0) = 0,$$

$$d_{4,12} = d_{7,9} = d_{9,7} = d_{12,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}^2 = nghfE[A_{ijkl}X_{ijkl}W_{ijkl}^2]$$

$$= N(cov(A_{ijkl}X_{ijkl}, W_{ijkl}^2) + E[A_{ijkl}X_{ijkl}]E[W_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}])(\sigma_W^2 + \mu_W))$$

$$= N(0 + (0 + \mu_A\mu_X)(\sigma_W^2 + \mu_W)) = N(0 + (0 + (0)(0))(\sigma_W^2 + 0)) = 0,$$

$$d_{4,14} = d_{7,11} = d_{11,7} = d_{14,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}^2 Z_{ijkl} = nghfE[A_{ijkl}W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl}, W_{ijkl}^2 Z_{ijkl}) + E[A_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + \mu_A(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}]))$$

$$= N(0 + \mu_A(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0 + 0(0 + (\sigma_W^2 + 0)0)) = 0,$$

$$d_{4,15} = d_{9,11} = d_{11,9} = d_{15,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}W_{ijkl}^2 Z_{ijkl} = nghfE[X_{ijkl}W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(X_{ijkl}, W_{ijkl}^2 Z_{ijkl}) + E[X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + \mu_X(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}]))$$

$$= N(0 + \mu_X(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0 + 0(0 + (\sigma_W^2 + 0)0)) = 0,$$

$$d_{4,16} = d_{7,15} = d_{11,12} = d_{12,11} = d_{15,7} = d_{16,4} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}^2 Z_{ijkl}$$

$$= nghfE[A_{ijkl}X_{ijkl}W_{ijkl}^2 Z_{ijkl}] = N(cov(A_{ijkl}X_{ijkl}, W_{ijkl}^2 Z_{ijkl})$$

$$+ E[A_{ijkl}X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[A_{ijkl}])(cov(W_{ijkl}^2, Z_{ijkl})$$

$$+ E[W_{ijkl}^2]E[Z_{ijkl}]))$$

$$= N(0 + \mu_A\mu_X(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0 + (0)(0)(0 + (\sigma_W^2 + 0)0)) = 0,$$

$$d_{5,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} Z_{ijkl}^2 = nghfE[Z_{ijkl}^2] = N(\sigma_Z^2 + \mu_Z^2) = N(\sigma_Z^2 + 0) = N\sigma_Z^2$$

$$d_{5,6} = d_{6,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}Z_{ijkl}^2 = nghfE[A_{ijkl}Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}, Z_{ijkl}^2) + E[A_{ijkl}]E[Z_{ijkl}^2)$$

$$= N(0 + \mu_A(sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + 0(\sigma_Z^2 + 0)) = 0,$$

$$d_{5,10} = d_{10,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}Z_{ijkl}^2 = nghfE[X_{ijkl}Z_{ijkl}^2]$$

$$= N(cov(X_{ijkl}, Z_{ijkl}^2) + E[X_{ijkl}]E[Z_{ijkl}^2)$$

$$= N(0 + \mu_X(sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + 0(\sigma_Z^2 + 0)) = 0,$$

$$d_{5,11} = d_{11,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} W_{ijkl}Z_{ijkl}^2 = nghfE[W_{ijkl}Z_{ijkl}^2]$$

$$= N(cov(W_{ijkl}, Z_{ijkl}^2) + E[W_{ijkl}]E[Z_{ijkl}^2)$$

$$= N(0 + \mu_W(sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + 0(\sigma_Z^2 + 0)) = 0,$$

$$d_{5,13} = d_{8,10} = d_{10,8} = d_{13,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}Z_{ijkl}^2$$

$$= nghfE[A_{ijkl}X_{ijkl}Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}X_{ijkl}, Z_{ijkl}^2) + E[A_{ijkl}X_{ijkl}]E[Z_{ijkl}^2)$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}])(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + \mu_A\mu_X)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (0)(0))(\sigma_Z^2 + (0))) = 0,$$

$$d_{5,14} = d_{8,11} = d_{11,8} = d_{14,5} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}W_{ijkl}Z_{ijkl}^2$$

$$= nghfE[A_{ijkl}W_{ijkl}Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}W_{ijkl}, Z_{ijkl}^2) + E[A_{ijkl}W_{ijkl}]E[Z_{ijkl}^2)$$

$$= N(0 + (cov(A_{ijkl}, W_{ijkl}) + E[A_{ijkl}]E[W_{ijkl}])(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + \mu_A \mu_W)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (0)(0))(\sigma_Z^2 + (0))) = 0,$$

$$d_{5,15} = d_{10,11} = d_{11,10} = d_{15,5} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} X_{ijkl} W_{ijkl} Z_{ijkl}^2$$

$$= nghfE[X_{ijkl} W_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(X_{ijkl} W_{ijkl}, Z_{ijkl}^2) + E[X_{ijkl}, W_{ijkl}]E[Z_{ijkl}^2])$$

$$= N(0 + (cov(X_{ijkl}, W_{ijkl}) + E[X_{ijkl}]E[W_{ijkl}])(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + \mu_X \mu_W)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (0)(0))(\sigma_Z^2 + (0))) = 0,$$

$$d_{5,16} = d_{8,15} = d_{10,14} = d_{11,13} = d_{13,11} = d_{14,10} = d_{15,8}$$

$$= d_{16,5} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl} X_{ijkl} W_{ijkl} Z_{ijkl}^2$$

$$= nghfE[A_{ijkl} X_{ijkl} W_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl} X_{ijkl}, W_{ijkl} Z_{ijkl}^2) + E[A_{ijkl} X_{ijkl}]E[W_{ijkl} Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}])(cov(W_{ijkl}, Z_{ijkl}^2) + E[W_{ijkl}]E[Z_{ijkl}^2]))$$

$$= N(0 + (0 + \mu_A \mu_X)(0 + \mu_W(\sigma_Z^2 + \mu_Z^2)))$$

$$= N(0 + (0 + (0)(0))(0 + 0(\sigma_Z^2 + 0))) = 0,$$

$$d_{6,6} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} (A_{ijkl} X_{ijkl})^2 = nghfE[A_{ijkl}^2 X_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2] = N(\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2)$$

$$= N(\sigma_A^2 + 0)(\sigma_X^2 + 0) = N\sigma_A^2 \sigma_X^2,$$

$$d_{6,12} = d_{12,6} = \sum_{l=1}^{f} \sum_{k=1}^{h} \sum_{j=1}^{g} \sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl}^2 W_{ijkl} = nghfE[A_{ijkl}^2 X_{ijkl}^2 W_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}^2, W_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}^2]E[W_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])\mu_W)$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))\mu_W)$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))0) = 0,$$

$$d_{6,13} = d_{13,6} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl}^2 Z_{ijkl} = nghfE[A_{ijkl}^2 X_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}^2, Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}^2]E[Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])\mu_Z)$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))\mu_Z)$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))0) = 0,$$

$$d_{6,16} = d_{12,13} = d_{13,12} = d_{16,6} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl}^2 W_{ijkl} Z_{ijkl}$$

$$= nghfE[A_{ijkl}^2 X_{ijkl}^2 W_{ijkl} Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}^2, W_{ijkl} Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}^2]E[W_{ijkl} Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])(cov(W_{ijkl}, Z_{ijkl}) + E[W_{ijkl}]E[Z_{ijkl}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))(\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))(\sigma_W^2 + 0)(\sigma_Z^2 + 0)) = 0,$$

$$d_{7,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (A_{ijkl} W_{ijkl})^2 = nghfE[(A_{ijkl} W_{ijkl})^2]$$

$$= N(cov(A_{ijkl}^2, W_{ijkl}^2) + E[A_{ijkl}^2]E[W_{ijkl}^2])$$

$$= N(0 + (\sigma_A^2 + \mu_A^2)(\sigma_W^2 + \mu_W^2)) = N\sigma_A^2\sigma_W^2,$$

$$d_{7,12} = d_{12,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl}^2 = nghfE[A_{ijkl}^2 X_{ijkl} W_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, W_{ijkl}^2) + E[A_{ijkl}^2 X_{ijkl}]E[W_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\mu_X))(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(0))(\sigma_W^2 + 0)) = 0,$$

$$d_{7,14} = d_{14,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 W_{ijkl}^2 Z_{ijkl} = nghfE[A_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, W_{ijkl}^2 Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\mu_X))(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(0))(0 + (\sigma_W^2 + 0)0)) = 0,$$

$$d_{7,16} = d_{12,14} = d_{14,12} = d_{16,7} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl}^2 Z_{ijkl}$$

$$= nghfE[A_{ijkl}^2 X_{ijkl} W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, W_{ijkl}^2 Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\mu_X))(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(0))(0 + (\sigma_W^2 + 0)0)) = 0,$$

$$d_{8,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl} Z_{ijkl})^2 = nghfE[(A_{ijkl} Z_{ijkl})^2] = NE[A_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2, Z_{ijkl}^2) + E[A_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (\sigma_A^2 + \mu_A^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (\sigma_A^2 + 0)(\sigma_Z^2 + 0)) = N\sigma_A^2\sigma_Z^2,$$

$$d_{8,13} = d_{13,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} Z_{ijkl}^2$$

$$= nghfE[A_{ijkl}^2 X_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2, Z_{ijkl}^2) + E[A_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (\sigma_A^2 + \mu_A^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (\sigma_A^2 + 0)(\sigma_Z^2 + 0)) = N\sigma_A^2\sigma_Z^2,$$

$$d_{8,14} = d_{14,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 W_{ijkl} Z_{ijkl}^2 = nghfE[A_{ijkl}^2 W_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2, W_{ijkl}, Z_{ijkl}^2) + E[A_{ijkl}^2 W_{ijkl}]E[Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2 W_{ijkl}) + E[A_{ijkl}^2]E[W_{ijkl}])E[Z_{ijkl}^2])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)\mu_W)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)0)(\sigma_Z^2 + 0)) = 0,$$

$$d_{8,16} = d_{13,14} = d_{14,13} = d_{16,8} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl} W_{ijkl} Z_{ijkl}^2$$

$$= nghfE[A_{ijkl}^2 X_{ijkl} W_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}, W_{ijkl} Z_{ijkl}^2) + E[A_{ijkl}^2 X_{ijkl}]E[W_{ijkl} Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])(cov(W_{ijkl}, Z_{ijkl}^2) + E[W_{ijkl}])E[Z_{ijkl}^2]))$$

$$= N(0 + (0 + E[A_{ijkl}^2]E[X_{ijkl}])(cov(W_{ijkl}, Z_{ijkl}^2) + E[W_{ijkl}])E[Z_{ijkl}^2]))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)\mu_X)(0 + \mu_W(\sigma_Z^2 + \mu_Z^2)))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)0)(0 + 0(\sigma_Z^2 + 0))) = 0,$$

$$d_{9,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (X_{ijkl} W_{ijkl})^2 = nghfE[(X_{ijkl} W_{ijkl})^2] = NE[X_{ijkl}^2 W_{ijkl}^2]$$

$$= N(cov(X_{ijkl}^2, W_{ijkl}^2) + E[X_{ijkl}^2]E[W_{ijkl}^2])$$

$$= N(0 + (\sigma_X^2 + \mu_X^2)(\sigma_W^2 + \mu_W^2)$$

$$= N(0 + (\sigma_X^2 + 0)(\sigma_W^2 + 0) = N\sigma_X^2\sigma_W^2,$$

$$d_{9,12} = d_{12,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl}^2 = nghfE[A_{ijkl} X_{ijkl}^2 W_{ijkl}^2]$$

$$= N(cov(A_{ijkl} X_{ijkl}^2, W_{ijkl}^2) + E[A_{ijkl} X_{ijkl}^2]E[W_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + \mu_A(\sigma_X^2 + \mu_X))(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + 0(\sigma_X^2 + 0))(\sigma_W^2 + 0)) = 0,$$

$$d_{9,14} = d_{14,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl} W_{ijkl}^2 Z_{ijkl} = nghfE[A_{ijkl} X_{ijkl} W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl} X_{ijkl}, W_{ijkl}^2 Z_{ijkl}) + E[A_{ijkl} X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}])(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}]))$$

$$= N(0 + (0 + \mu_A\mu_X)(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0+(0+(0)(0))(0+(\sigma_W^2+0)0)) = 0,$$

$$d_{9,15} = d_{15,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl} = nghfE[X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(X_{ijkl}^2, W_{ijkl}^2 Z_{ijkl}) + E[X_{ijkl}^2]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0+(\sigma_X^2+\mu_X^2)(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}])$$

$$= N(0+(\sigma_X^2+\mu_X^2)(0+(\sigma_W^2+\mu_W^2)\mu_Z)$$

$$= N(0+(\sigma_X^2+0)(0+(\sigma_W^2+0)0) = 0,$$

$$d_{9,16} = d_{12,15} = d_{15,12} = d_{16,9} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}$$

$$= nghfE[A_{ijkl} X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl} X_{ijkl}^2, W_{ijkl}^2 Z_{ijkl}) + E[A_{ijkl} X_{ijkl}^2]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0+(cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}])$$

$$= N(0+(0+\mu_A(\sigma_X^2+\mu_X^2))(0+(\sigma_W^2+\mu_W^2)\mu_Z)$$

$$= N(0+(0+0(\sigma_X^2+0))(0+(\sigma_W^2+0)0) \ = 0,$$

$$d_{10,10} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (X_{ijkl} Z_{ijkl})^2 = nghfE[(X_{ijkl} Z_{ijkl})^2]$$

$$= NE[X_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(X_{ijkl}^2, Z_{ijkl}^2) + E[X_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0+(\sigma_X^2+\mu_X^2)(\sigma_Z^2+\mu_Z^2)$$

$$= N(0+(\sigma_X^2+0)(\sigma_Z^2+0) = N\sigma_X^2\sigma_Z^2,$$

$$d_{10,11} = d_{11,10} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 Z_{ijkl}^2 = nghfE[A_{ijkl} X_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl} X_{ijkl}^2, Z_{ijkl}^2) + E[A_{ijkl} X_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0+(cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])(\sigma_Z^2+\mu_Z^2))$$

$$= N(0+(0+\mu_A(\sigma_X^2+\mu_X^2))(\sigma_Z^2+\mu_Z^2))$$

$$= N(0+(0+0(\sigma_X^2+0))(\sigma_Z^2+0)) = 0,$$

$$d_{10,15} = d_{15,10} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2 = nghfE[X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(X_{ijkl}^2 W_{ijkl}, Z_{ijkl}^2) + E[X_{ijkl}^2 W_{ijkl}]E[Z_{ijkl}^2])$$

$$= N(0 + (cov(X_{ijkl}^2, W_{ijkl}) + E[X_{ijkl}^2]E[W_{ijkl}])(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_X^2 + \mu_X^2)\mu_W)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_X^2 + 0)0)(\sigma_Z^2 + 0)) = 0,$$

$$d_{10,16} = d_{13,15} = d_{15,13} = d_{16,10} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2$$

$$= nghfE[A_{ijkl} X_{ijkl}^2 W_{ijkl} Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl} X_{ijkl}^2, W_{ijkl} Z_{ijkl}^2) + E[A_{ijkl} X_{ijkl}^2]E[W_{ijkl} Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])(cov(W_{ijkl}, Z_{ijkl}^2) + E[W_{ijkl}]E[Z_{ijkl}^2]))$$

$$= N(0 + (0 + \mu_A(\sigma_X^2 + \mu_X))(0 + \mu_W(\sigma_Z^2 + \mu_Z)))$$

$$= N(0 + (0 + 0(\sigma_X^2 + 0))(0 + 0(\sigma_Z^2 + 0))) = 0,$$

$$d_{11,11} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} (W_{ijkl} Z_{ijkl})^2 = nghfE[(W_{ijkl} Z_{ijkl})^2]$$

$$= NE[W_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(W_{ijkl}^2, Z_{ijkl}^2) + E[W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2)$$

$$= N(0 + (\sigma_W^2 + 0)(\sigma_Z^2 + 0) = N\sigma_W^2\sigma_Z^2,$$

$$d_{11,14} = d_{14,11} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl} W_{ijkl} Z_{ijkl}^2 = nghfE[A_{ijkl} W_{ijkl} Z_{ijkl}^2]$$

$$= \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} E[A_{ijkl}]E[W_{ijkl}]E[Z_{ijkl}^2] = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} \mu_A\mu_W(\sigma_Z^2 + \mu_Z^2)$$

$$= nghf\mu_A\mu_W(\sigma_Z^2 + \mu_Z^2) = N(0)(0)(\sigma_Z^2 + 0) = 0,$$

$$d_{11,15} = d_{15,11} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} X_{ijkl} W_{ijkl}^2 Z_{ijkl}^2 = nghfE[X_{ijkl} W_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(X_{ijkl} W_{ijkl}^2, Z_{ijkl}^2) + E[X_{ijkl} W_{ijkl}^2]E[Z_{ijkl}^2]))$$

$$= N(0 + (cov(X_{ijkl}, W_{ijkl}^2) + E[X_{ijkl}]E[W_{ijkl}^2])(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + \mu_X(\sigma_W^2 + \mu_W^2))(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + 0(\sigma_W^2 + 0))(\sigma_Z^2 + 0)) = 0,$$

$$d_{11,16} = d_{14,15} = d_{15,14} = d_{16,11} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}W_{ijkl}^2 Z_{ijkl}^2$$

$$= nghfE[A_{ijkl}X_{ijkl}W_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}X_{ijkl}, W_{ijkl}^2 Z_{ijkl}^2) + E[A_{ijkl}X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}^2])$$

$$= N(cov(A_{ijkl}X_{ijkl}, W_{ijkl}^2 Z_{ijkl}^2) + E[A_{ijkl}X_{ijkl}]E[W_{ijkl}^2 Z_{ijkl}^2]))$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}) + E[A_{ijkl}]E[X_{ijkl}])(cov(W_{ijkl}^2, Z_{ijkl}^2) + E[W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (0 + \mu_A\mu_X)(0 + (\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2)))$$

$$= N(0 + (0 + (0)(0))(0 + (\sigma_W^2 + 0)(\sigma_Z^2 + 0))) = 0,$$

$$d_{12,12} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}X_{ijkl}W_{ijkl})^2 = nghfE[(A_{ijkl}X_{ijkl}W_{ijkl})^2]$$

$$= NE[A_{ijkl}^2 X_{ijkl}^2 W_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}^2, W_{ijkl}^2) + E[A_{ijkl}^2 X_{ijkl}^2]E[W_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])(\sigma_W^2 + \mu_W^2)$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2)(\sigma_W^2 + \mu_W^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0)(\sigma_W^2 + 0))$$

$$= N\sigma_A^2\sigma_X^2\sigma_W^2,$$

$$d_{12,16} = d_{16,12} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2 X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl} = nghfE[A_{ijkl}^2 X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}^2, W_{ijkl}^2 Z_{ijkl}) + E[A_{ijkl}^2 X_{ijkl}^2]E[W_{ijkl}^2 Z_{ijkl}])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])(cov(W_{ijkl}^2, Z_{ijkl}) + E[W_{ijkl}^2]E[Z_{ijkl}]))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))(0 + (\sigma_W^2 + \mu_W^2)\mu_Z))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))(0 + (\sigma_W^2 + 0)0)) = 0,$$

$$d_{13,13} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}X_{ijkl}Z_{ijkl})^2 = nghfE[(A_{ijkl}X_{ijkl}Z_{ijkl})^2]$$

$$= NE[A_{ijkl}^2X_{ijkl}^2Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2X_{ijkl}^2, Z_{ijkl}^2) + E[A_{ijkl}^2X_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])(\sigma_Z^2 + \mu_Z^2)$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0)(\sigma_Z^2 + 0))$$

$$= N\sigma_A^2\sigma_X^2\sigma_Z^2,$$

$$d_{13,16} = d_{16,13} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}^2W_{ijkl}Z_{ijkl}^2 = nghfE[A_{ijkl}^2X_{ijkl}^2W_{ijkl}Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2X_{ijkl}^2, W_{ijkl}Z_{ijkl}) + E[A_{ijkl}^2X_{ijkl}^2]E[W_{ijkl}Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])(cov(W_{ijkl}, Z_{ijkl}) + E[W_{ijkl}]E[Z_{ijkl}^2]))$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))(0 + (\mu_W)(\sigma_Z^2 + \mu_Z^2)))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))(0 + (0)(\sigma_Z^2 + 0))) = 0,$$

$$d_{14,14} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}W_{ijkl}Z_{ijkl})^2 = nghfE[(A_{ijkl}W_{ijkl}Z_{ijkl})^2]$$

$$= NE[A_{ijkl}^2W_{ijkl}^2Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2W_{ijkl}^2, Z_{ijkl}^2) + E[A_{ijkl}^2W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, W_{ijkl}^2) + E[A_{ijkl}^2]E[W_{ijkl}^2])(\sigma_Z^2 + \mu_Z^2)$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_W^2 + 0)(\sigma_Z^2 + 0))$$

$$= N\sigma_A^2\sigma_W^2\sigma_Z^2,$$

$$d_{14,16} = d_{16,14} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}^2X_{ijkl}W_{ijkl}^2Z_{ijkl}^2 = nghfE[A_{ijkl}^2X_{ijkl}W_{ijkl}^2Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2X_{ijkl}, W_{ijkl}^2Z_{ijkl}^2) + E[A_{ijkl}^2X_{ijkl}]E[W_{ijkl}^2Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}) + E[A_{ijkl}^2]E[X_{ijkl}])(cov(W_{ijkl}^2, Z_{ijkl}^2) + E[W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\mu_X))(0 + (\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(0))(0 + (\sigma_W^2 + 0)(\sigma_Z^2 + 0)) = 0,$$

$$d_{15,15} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(X_{ijkl}W_{ijkl}Z_{ijkl})^2 = nghfE[(X_{ijkl}W_{ijkl}Z_{ijkl})^2]$$

$$= NE[X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(X_{ijkl}^2 W_{ijkl}^2, Z_{ijkl}^2) + E[X_{ijkl}^2 W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (cov(X_{ijkl}^2, W_{ijkl}^2) + E[X_{ijkl}^2]E[W_{ijkl}^2])(\sigma_Z^2 + \mu_Z^2)$$

$$= N(0 + (0 + (\sigma_X^2 + \mu_X^2)(\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_X^2 + 0)(\sigma_W^2 + 0)(\sigma_Z^2 + 0))$$

$$= N\sigma_X^2\sigma_W^2\sigma_Z^2,$$

$$d_{15,16} = d_{16,15} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n} A_{ijkl}X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}^2 = nghfE[A_{ijkl}X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}X_{ijkl}^2, W_{ijkl}^2 Z_{ijkl}^2) + E[A_{ijkl}X_{ijkl}^2]E[W_{ijkl}^2 Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}, X_{ijkl}^2) + E[A_{ijkl}]E[X_{ijkl}^2])(cov(W_{ijkl}^2, Z_{ijkl}^2) + E[W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (0 + (\mu_A)(\sigma_X^2 + \mu_X^2))(0 + (\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (0)(\sigma_X^2 + 0))(0 + (\sigma_W^2 + 0)(\sigma_Z^2 + 0)) = 0,$$

$$d_{16,16} = \sum_{l=1}^{f}\sum_{k=1}^{h}\sum_{j=1}^{g}\sum_{i=1}^{n}(A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl})^2 = nghfE[(A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl})^2]$$

$$= NE[A_{ijkl}^2 X_{ijkl}^2 W_{ijkl}^2 Z_{ijkl}^2]$$

$$= N(cov(A_{ijkl}^2 X_{ijkl}^2, W_{ijkl}^2 Z_{ijkl}^2) + E[A_{ijkl}^2 X_{ijkl}^2]E[W_{ijkl}^2 Z_{ijkl}^2])$$

$$= N(0 + (cov(A_{ijkl}^2, X_{ijkl}^2) + E[A_{ijkl}^2]E[X_{ijkl}^2])(cov(W_{ijkl}^2, Z_{ijkl}^2) + E[W_{ijkl}^2]E[Z_{ijkl}^2])$$

$$= N(0 + (0 + (\sigma_A^2 + \mu_A^2)(\sigma_X^2 + \mu_X^2))(0 + (\sigma_W^2 + \mu_W^2)(\sigma_Z^2 + \mu_Z^2))$$

$$= N(0 + (0 + (\sigma_A^2 + 0)(\sigma_X^2 + 0))(0 + (\sigma_W^2 + 0)(\sigma_Z^2 + 0))$$

$$= N\sigma_A^2\sigma_X^2\sigma_W^2\sigma_Z^2.$$

Hence by substitution, this implies

$$
\mathbf{D}_{Level-4} = \begin{bmatrix}
N & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & N\sigma_A^2 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & N\sigma_X^2 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & \ddots & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & N\sigma_A^2\sigma_W^2\sigma_Z^2 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & N\sigma_X^2\sigma_W^2\sigma_Z^2 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & N\sigma_A^2\sigma_X^2\sigma_W^2\sigma_Z^2
\end{bmatrix}.
$$

The inverse of the diagonal matrix $\mathbf{D}_{Level-4}$ is denoted $\mathbf{D}_{Level-4}^{-1}$ and equivalent to

$$
\mathbf{D}_{Level-4}^{-1} = \begin{bmatrix}
\frac{1}{N} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & \frac{1}{N\sigma_A^2} & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & \frac{1}{N\sigma_X^2} & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & \ddots & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & \frac{1}{N\sigma_A^2\sigma_W^2\sigma_Z^2} & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & \frac{1}{N\sigma_X^2\sigma_W^2\sigma_Z^2} & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{1}{N\sigma_A^2\sigma_X^2\sigma_W^2\sigma_Z^2}
\end{bmatrix}.
$$

By Appendix A, $Var(\hat{\delta}) = \sigma^2_{Level-4}\mathbf{I}_{N\times N}\mathbf{D}^{-1}_{Level-4}$. Therefore,

$$Var(\delta) = \begin{bmatrix} \frac{\sigma^2_{Level-4}}{N} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \frac{\sigma^2_{Level-4}}{N\sigma^2_A} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \frac{\sigma^2_{Level-4}}{N\sigma^2_X} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \ddots & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \frac{\sigma^2_{Level-4}}{N\sigma^2_A\sigma^2_W\sigma^2_Z} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \frac{\sigma^2_{Level-4}}{N\sigma^2_X\sigma^2_W\sigma^2_Z} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{\sigma^2_{Level-4}}{N\sigma^2_A\sigma^2_X\sigma^2_W\sigma^2_Z} \end{bmatrix}.$$

Hence, $s.e.(\hat{\delta}) = \sqrt{\sigma^2_{Level-4}I_{NxN}\mathbf{D}^{-1}_{Level-4}}$. Thus,

$$s.e.(\delta) = \begin{bmatrix} \sqrt{\frac{\sigma^2_{Level-4}}{N}} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_A}} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_X}} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \ddots & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_A\sigma^2_W\sigma^2_Z}} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_X\sigma^2_W\sigma^2_Z}} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_A\sigma^2_X\sigma^2_W\sigma^2_Z}} \end{bmatrix}. \tag{30}$$

The derived HLM standard error matrices by Level-2, Level-3, and Level-4 will be used to determine power of the parameters in the Sample Size Estimation for Level-2, Level-3, and Level-4 Section (Section 3.1). For a single independent predictor at each level (A_{ijkl}, X_{ijkl}, W_{ijkl}, and Z_{ijkl}) with corresponding distribution $N(0, \sigma^2_A)$, $N(0, \sigma^2_X)$, $N(0, \sigma^2_W)$, and $N(0, \sigma^2_Z)$ respectively, the standard error matrices will estimate an explicit power expression for various: sample sizes at each level, initial error variance values, error

distributions, predictor distributions, and estimated effect sizes.

3.1 Sample Size Estimation for Level-2, Level-3, and Level-4

To determine the sample size requirements for a Level-2, Level-3, and Level-4 HLM based on adequate power of 0.80 for parameter estimation, a simulation procedure of various scenarios was conducted. Using the combined Level-2, Level-3 and Level-4 HLM equations found in the previous chapter for all levels considered, samples sizes were rounded up to the next highest integer to assume sufficient power. Further, the use of the word "simulation" here refers to the fixed settings for which power was computed. The formulas derived are exact and can be applied to any multi-level model.

Level-2 HLM Sample Size Recommendations.

To accomplish Research Objective 1 for the Level-2 HLM, this research used the combined Level-2 HLM measurement model specified in Equation 22 and restated here: $Y_{ij} = \beta_{00} + \beta_{01}X_{ij} + \beta_{10}A_{ij} + \beta_{11}X_{ij}A_{ij} + r_{1j}A_{ij} + r_{0j} + e_{ij}$. Five conditions were considered to determine the sample size requirements to achieve sufficient power for parameter estimation of a Level-2 HLM. The five conditions and the number of levels used in the simulation were:

1) the number of individuals and groups at Level-1 and Level-2, respectively, varied between 1 and 100;

2) two initial Level-1 error variances ($\sigma_e^2 = 1.0, 2.0$);

3) two cases for Level-2 error variance in which either Level-2 equals Level-1 error variance or Level-2 error variance is twice that of Level-1 (Table 2);

4) three simulation cases for predictor distribution by level (Table 3); and

5) three levels of parameter estimated effect sizes (0.1, 0.3, 0.7).

The error variance assumptions by level were based on realistic operational distributions where the variability of individuals at Level-1 is greater than or equal to the variability of groups at Level-2. These values are shown in Table 2. Unlike previous studies, the error variance levels were chosen instead of ICC values as in previous practice. This is because information about error variance rather than ICC most likely would be known. This research used $e_{ijkl} \sim N(0, \sigma_e^2)$, such that $\sigma_e^2 = 1.0$ at Level-1 as a comparison to previous Level-2 HLM power analysis studies. The error variance assumptions and variance terms were chosen similar to literature such that the corresponding ICC values were moderate as shown in Table 4.

Table 2. Level-2: initial Level-1 error variance and associated error variance values for each simulation case

Initial Level-1 Value	**Level**	**Error Variance Assumptions** Simulation Case		**Error Variance Values** Simulation Case	
		1	2	1	2
$\sigma_e^2 = 1.0$	1	$2\sigma_e^2$	σ_e^2	2.0	1.0
	2	σ_e^2	σ_e^2	1.0	1.0
$\sigma_e^2 = 2.0$	1	$2\sigma_e^2$	σ_e^2	4.0	2.0
	2	σ_e^2	σ_e^2	2.0	2.0

Table 3. Level-2: Distribution assumptions for predictor assumptions by level

Level	**Predictor Distribution**	**Predictor Variance Term**	**Variance Values for Simulation Case** 1	2	3
1	$A_{ij} \sim N(0, \sigma_A^2)$	σ_A^2	1.0	0.5	1.0
2	$X_{ij} \sim N(0, \sigma_X^2)$	σ_X^2	1.0	1.0	0.5

Level-2 HLM Power Simulation Results.

The power, first generally introduced in Equation 19, of a Level-2 HLM is

$$z_\pi \approx \Phi\left(\frac{\hat{\beta} - \beta}{s.e.(\hat{\beta})} - z_{1-\alpha/2}\right)$$

Table 4. Level-2: intraclass correlation (ICC) values for the proportion of variance within group-level

Simulation Case	Variance Values by Level Level-1 Level-2	Intraclass Correlation $ICC_1 = \frac{\sigma_r^2}{\sigma_e^2+\sigma_r^2}$
1	$\sigma_e^2 = 2.0$ $\sigma_r^2 = 1.0$ $\sigma_e^2 = 4.0$ $\sigma_r^2 = 2.0$	$ICC_1 = \frac{1}{2+1} = 0.333$ $ICC_1 = \frac{2}{4+2} = 0.333$
2	$\sigma_e^2 = 1.0$ $\sigma_r^2 = 1.0$ $\sigma_e^2 = 2.0$ $\sigma_r^2 = 2.0$	$ICC_1 = \frac{1}{1+1} = 0.5$ $ICC_1 = \frac{2}{2+2} = 0.5$

such that:

π is the minimum power considered equal to 0.80;

z_π is $z_{0.80}$ for the minimum power considered. Based on the standard normal table, the z-score is 0.7881;

$\hat{\beta} - \beta$ is the estimated effect size for the assumed values $0.1, 0.3,$ and 0.7;

$z_{1-\alpha/2}$ is $z_{0.975}$ assuming the Type I error rate, α is equal to 0.05. Based on the standard normal table, the z-score is 1.96;

$s.e.(\hat{\beta})$ are the derived diagonal elements of the $s.e.(\hat{\beta})$ matrix for the parameter vector $[\beta_{00}, \beta_{01}, \beta_{10}, \beta_{11}]$ as given in Equation 19.

For equal and varying sample sizes at Level-1 and Level-2, the power is computed for each sample set of the five conditions outlined in the Level-2 HLM simulation procedure (Table 5 and Figures 11 to 15). Based on the assumed predictor variances, the figures illustrate plot comparisons for Level-2 intercepts (β_{00}, β_{10}) and slopes (β_{01}, β_{11}) when $\sigma_A^2 = \sigma_X^2 = 1$ (Figure 11), the intercept and slope of the Level-1 intercept parameter equations when $\sigma_A^2 = 0.5$ and $\sigma_X^2 = 1$ (Figure 12), the intercept and slope (β_{10}, β_{11}) of the Level-1 slope parameter equations when $\sigma_A^2 = 0.5$ and $\sigma_X^2 = 1$ (Figure 13), pure intercepts (β_{00}, β_{10}) when $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 0.5$ (Figure 14), and slopes of large interactions (β_{01}, β_{11}) when $\sigma_A^2 = 0.5$ and $\sigma_X^2 = 1.0$ (Figure 15).

Table 5. **Level-2 HLM sample size suggestions for sufficient power ($\geq 80\%$) based on assumed predictor variances, error variances, and estimated effect sizes.**

Level-2 Sample Size Suggestions									
				Effect Size					
				0.1		0.3		0.7	
Predictor Variance		Error Variance		Sample Size					
Level-1: $A_{ij}\sim N(0,\sigma_A^2)$ σ_A^2	Level-2: $X_{ij}\sim N(0,\sigma_X^2)$ σ_X^2	Level-1: $e_{ij}\sim N(0,\sigma_e^2)$ σ_e^2	Level-2: $r_{ij}\sim N(0,\sigma_r^2)$ σ_r^2	(n,g) for $n=g$	(n,g) for smallest pair	(n,g) for $n=g$	(n,g) for smallest pair	(n,g) For $n=g$	(n,g) for smallest pair
Intercepts and Slopes: $\beta_{00}, \beta_{10}, \beta_{01}, \beta_{11}$									
1.0	1.0	2.0	1.0	57	(40,80)	20	(15,25)	10	(1,90)
		4.0	2.0	80	(80,80)	27	(25,29)	13	(9,17)
		1.0	1.0	49	(30,80)	17	(17,17)	9	(3,25)
		1.0	2.0	70	(60,80)	24	(11,50)	11	(3,40)
Level-1 Intercept Equation: β_{00}, β_{01}									
0.5	1.0	2.0	1.0	53	(35,80)	18	(17,19)	9	(3,25)
		4.0	2.0	75	(70,80)	26	(7,90)	12	(7,19)
		1.0	1.0	45	(25,80)	16	(3,80)	8	(3,19)
		2.0	2.0	64	(40,100)	22	(13,35)	10	(9,11)
Level-1 Slope Equation: β_{10}, β_{11}									
0.5	1.0	2.0	1.0	75	(70,80)	26	(13,50)	13	(5,29)
		4.0	2.0	N/A	N/A	36	(21,60)	17	(9,29)
		1.0	1.0	64	(40,100)	22	(19,25)	11	(5,23)
		2.0	2.0	90	(80,100)	31	(13,70)	14	(13,15)
Pure Intercepts: β_{00}, β_{10}									
1.0	0.5	2.0	1.0	57	(40,80)	20	(15,25)	9	(1,80)
		4.0	2.0	80	(70,90)	27	(13,55)	13	(5,29)
		1.0	1.0	49	(30,80)	17	(7,40)	9	(5,13)
		2.0	2.0	70	(60,80)	24	(9,60)	11	(5,23)
Large Interactions: β_{01}, β_{11}									
1.0	0.5	2.0	1.0	80	(80,80)	28	(21,35)	9	(1,80)
		4.0	2.0	N/A	N/A	39	(29,50)	17	(17,17)
		1.0	1.0	70	(60,80)	24	(7,80)	12	(7,19)
		2.0	2.0	100	(100,100)	33	(27,40)	15	(5,45)

The specific sample size recommendations to achieve at least 0.80 power for $n = g$ and the smallest sample size pair (n, g) for each predictor and error distribution are outlined in Table 5. The smallest sample size pair refers to the pair in which the smallest value for Level-1 or Level-2 is found that still results in at least 80% power. That is, numbers within the (n, g) set are interchangeable between levels and are conventionally listed smallest to

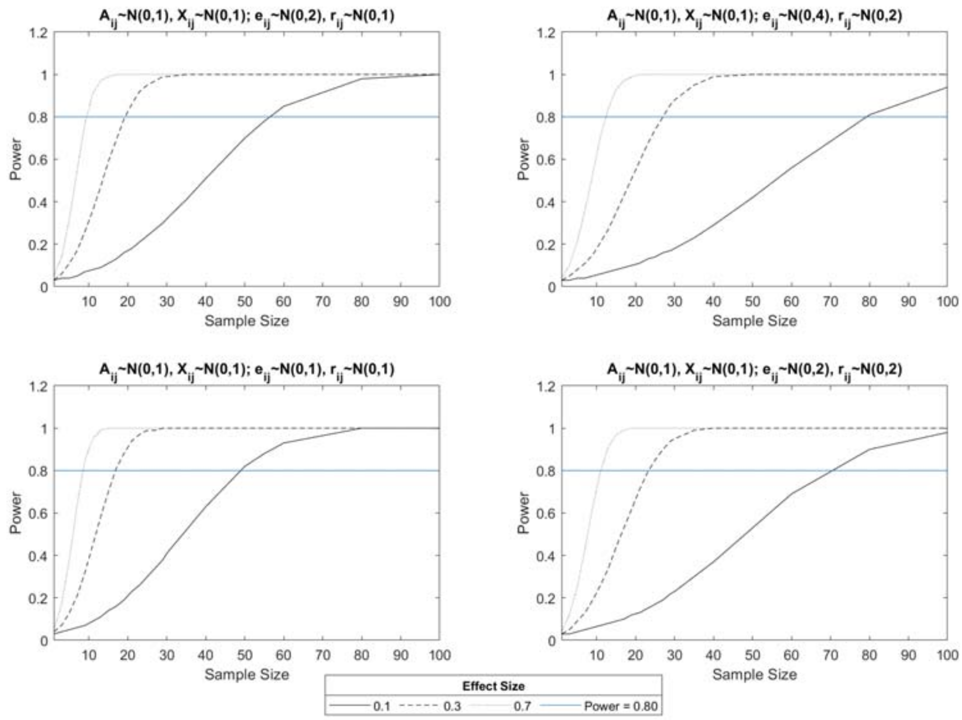

Figure 11. Level-2 HLM power versus sample size plots for intercepts (β_{00} and β_{10}) and slopes (β_{01} and β_{11}) with predictor variances $\sigma_A^2 = \sigma_X^2 = 1.0$.

largest. For comparison, this research associates the first number, n, with Level-1 and the second number, g, with Level-2.

Previous Level-2 HLM analysis, detailed in Chapter 2, primarily looked at the cases with predictor variance $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 1.0$ and Level-1 error variance 1.0 at Level-1 for varying ICC values (which then determined the error variance term for Level-2, σ_r^2). To achieve sufficient power of 0.80 for different estimated effect sizes, this research found that when the Level-1 error variance $\sigma_e^2 = 1.0$, the 30 samples at Level-1 and Level-2 general rule of thumb was not met for low estimated effect sizes (e.g., 0.1), which required 49 samples at each level (Table 5). But for higher estimated effect sizes (0.3 and 0.7), the minimum number of sample sizes at each level was found to be 17 and 9, respectively. That is, about half and less than half of the general rule, respectively (Table 5, Figures 11 and 15). When estimated effect size was moderate (0.3) or large (0.7), adequate power was achievable. For low estimated effect size (0.1), adequate power was also achieved at a

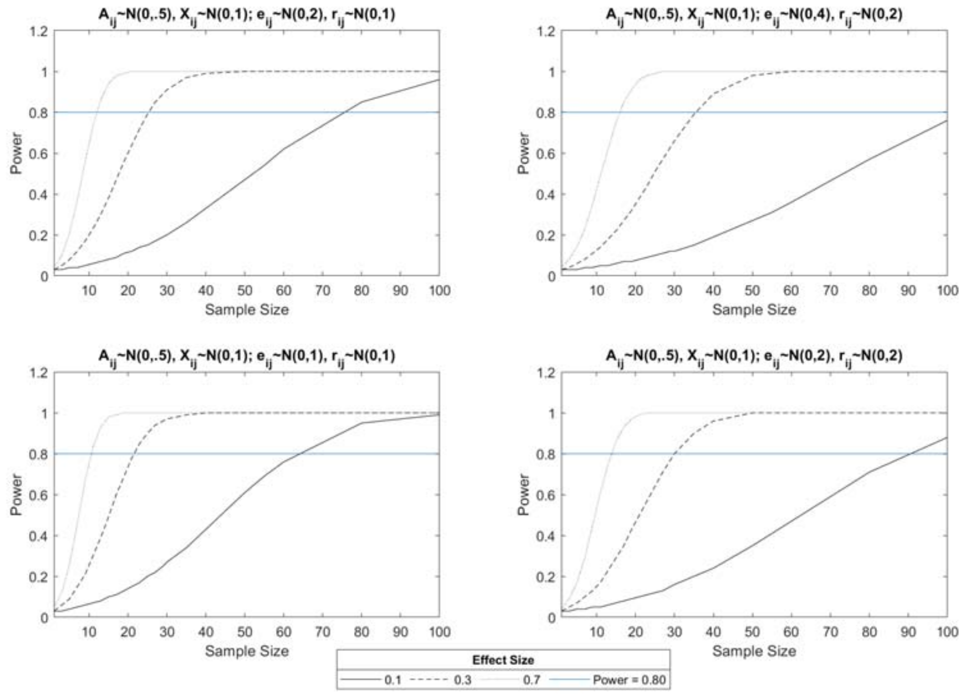

Figure 12. Level-2 HLM power versus sample size plots for Level-1 intercept equations (β_{00} and β_{01}) with predictor variances $\sigma_A^2 = 0.5$ and $\sigma_X^2 = 1.0$.

higher sample size $n = g = 49$.

For all Level-2 predictor variance assumptions when sufficient power of 0.80 was met, as the estimated effect sizes (0.1, 0.3, 07) increased the number of samples required to achieve at least 0.80 power per level decreased. For example, in Table 5, the Level-2 HLM intercepts and slopes with predictor variance $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 1.0$, and error variance $\sigma_e^2 = 2.0$ and $\sigma_r^2 = 1.0$ requires 50, 20, and 10 sample sizes at Level-1 and Level-2 when $n = g$ for estimated effect sizes 0.1, 0.3, and 0.7, respectively. In other words, estimated effect size 0.7 requires 40 fewer sample sizes per level than estimated effect size 0.1. Also, if the smallest pair of (n, g) is considered for the same scenarios, such that the smallest value for Level-1 or Level-2 is considered, 40, 15, and 10 (for n) and 80, 25, and 90 (for g) samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively. With unequal sample sizes, estimated effect size 0.7 requires 36.7% fewer overall sample sizes per level than estimated effect size 0.1. The specific Level-2 HLM sample size recommendations to achieve at least 0.80 power for all intercepts and slopes are outlined in Table 5 and Figures

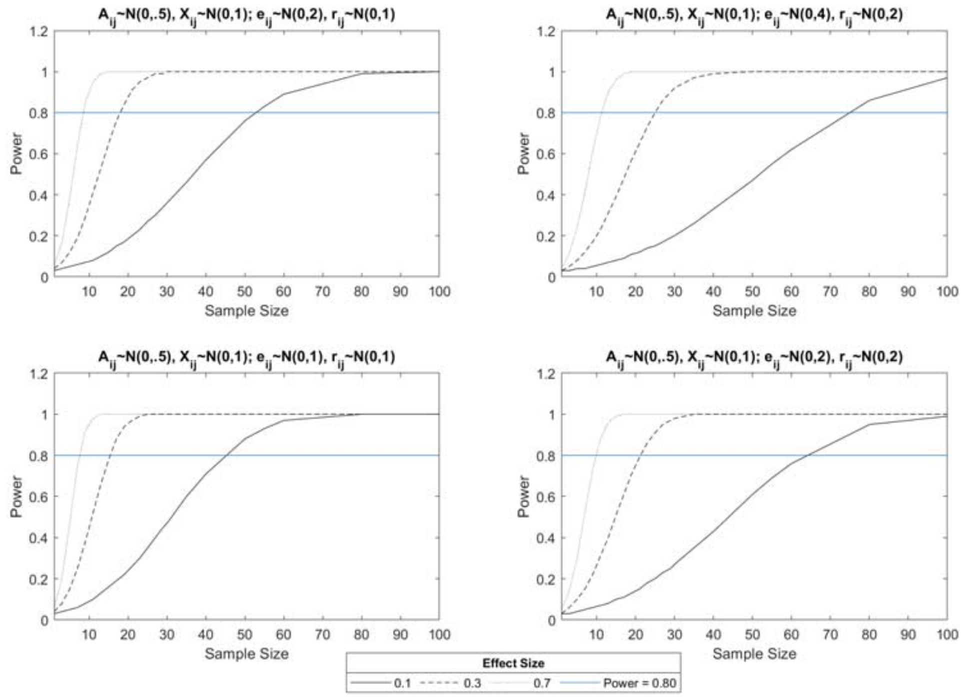

Figure 13. Level-2 HLM power versus sample size plots for Level-1 slope equations (β_{10} and β_{11}) with predictor variances $\sigma_A^2 = 0.5$ and $\sigma_X^2 = 1.0$.

11 to 15.

For all Level-2 HLM parameters ($\beta_{00}, \beta_{10}, \beta_{01}, \beta_{11}$), as the error variance values double (Table 2: Case 1 versus Case 2, and Figures 11 to 15) for all simulation cases, the sample sizes needed per level increased (Table 5). All the Level-2 power versus sample size plots show this when comparing the left-hand side to the right-hand side of each figure (Figures 11 to 15). For example, for the Level-2 HLM slopes (β_{01}, β_{11}) with predictor variance $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 1.0$, when the error variance $\sigma_e^2 = 2.0$ and $\sigma_r^2 = 1.0$ increase to $\sigma_e^2 = 4.0$ and $\sigma_r^2 = 2.0$, the number of samples required at Level-1 and Level-2 when $n = g$ is 23, 7, and 3 more samples per level to achieve at least 0.80 power for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 5 and Figure 11). For the same scenario, the smallest pair (n, g) requires an additional 40, 10, and 8 (for n) and 0, 4, 73 (for g) samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 5).

For all scenarios considered, as the error variance at Level-1, σ_e^2, increased, the sample sizes required per level to achieve minimum power of 0.80 for Level-2 HLM parameters

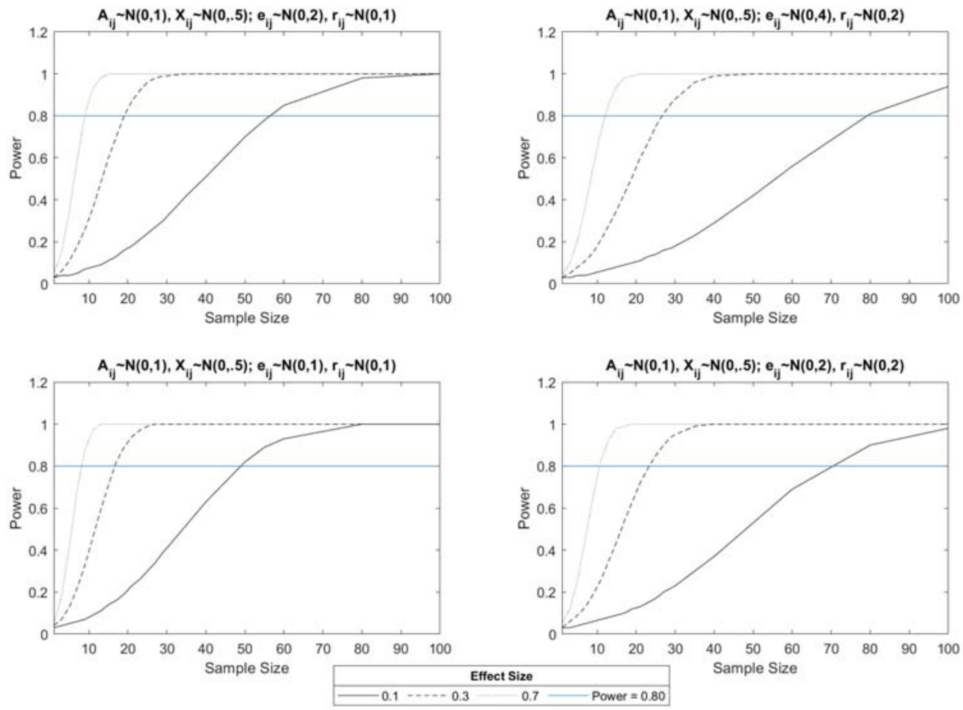

Figure 14. Level-2 HLM power versus sample size plots for pure intercepts (β_{00} and β_{10}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 0.5$.

$(\beta_{00}, \beta_{10}, \beta_{01}, \beta_{11})$, increased for all estimated effect sizes. For example, for the Level-2 HLM intercepts and slopes with predictor variance $\sigma_A^2 = \sigma_X^2 = 1.0$ and Level-2 error variance $\sigma_r^2 = 1.0$, when the Level-1 error variance $\sigma_e^2 = 1.0$ increased to $\sigma_e^2 = 2.0$, the number of samples required at Level-1 and Level-2 when $n = g$ is 8, 3, and 1 more samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively. The smallest pair (n, g) requires a difference of 10, 2, and 2 (for n) and 0, 8, and 65 (for g) samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 5 and Figure 11: top and bottom).

As the Level-1 predictor variance decreases from $\sigma_A^2 = 1.0$ to 0.5, the sample sizes required per level to achieve a minimum power of 0.80 decreased for intercept and slope (β_{00}, β_{01}) of the Level-1 intercept parameter equations and increased for the intercept and slope (β_{10}, β_{11}) of the Level-1 slope parameter equations for all estimated effect sizes. For example, for the intercept and slope (β_{00}, β_{01}) of the Level-1 intercept parameter equations

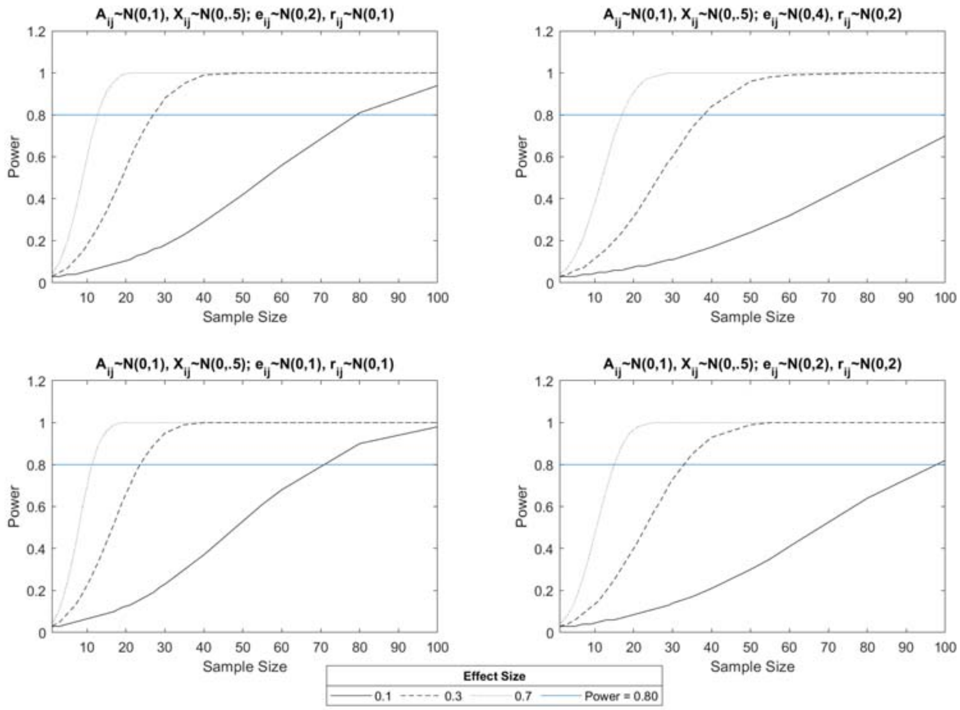

Figure 15. Level-2 HLM power versus sample size plots for large interactions (β_{01} and β_{11}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 0.5$.

with predictor variance $\sigma_A^2 = \sigma_X^2 = 1.0$ and error variance $\sigma_e^2 = \sigma_r^2 = 1.0$ compared to Level-1 predictor variance $\sigma_A^2 = 0.5$, the number of samples required at Level-1 and Level-2 for $n = g$ decreased by 5, 1, and 1 fewer sample sizes per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 5 and Figure 12). Whereas, for the intercept and slope (β_{10}, β_{11}) of the Level-1 HLM slope parameter equations, the number of samples required at Level-1 and Level-2 for $n = g$ increased by 15, 5, and 2 more sample sizes per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 5 and Figure 13).

As the Level-2 predictor variance decreases from $\sigma_X^2 = 1.0$ to 0.5, the sample sizes required per level are the same for pure intercepts (β_{00}, β_{10}) and increase for large interactions (β_{01}, β_{11}) when sufficient power of 0.80 is achieved. For example, for the Level-2 HLM intercepts with predictor variance $\sigma_A^2 = \sigma_X^2 = 1.0$ and error variance $\sigma_e^2 = \sigma_r^2 = 1.0$ compared to pure intercepts with Level-2 predictor distribution $\sigma_X^2 = 0.5$, the number of required sample sizes at Level-1 and Level-2 when $n = g$ require the same

number of sample sizes per level for estimated effect size 0.1 and 0,3, with the exception of sample size rounding for estimated effect size 0.7 (Table 5 and Figure 11 and 14). Whereas, for the same scenario for large interactions, the number of required sample sizes at Level-1 and Level-2 when $n = g$ requires a difference of 23, 8, and 1 sample sizes per level for effects sizes 0.1, 0.3, and 0.7, respectively (Table 5 and Figure 11 and 15).

In general, for a Level-2 HLM to achieve sufficient power of 0.80 for different estimated effect sizes this research found that:

- 30 samples at Level-1 and Level-2 general rule of thumb was not met for low estimated effect sizes (e.g., 0.1), which required at least 49 samples at each level. But for higher estimated effect sizes (0.3 and 0.7), the minimum number of samples at each level was found to be 17, almost half of the general rule.

- As the estimated effect sizes (0.1, 0.3, 07) increased for all parameters $(\beta_{00}, \beta_{10}, \beta_{01}, \beta_{11})$ the number of samples required per a level decreased.

- When error variance (σ_e^2 and σ_r^2) values double (Figures 11 to 15 right-hand side compared to left-hand side) for both intercepts (β_{00}, β_{10}) and slopes (β_{01}, β_{11}), the sample sizes needed per level increased.

- If the error variance at Level-1, σ_e^2, increased, the sample sizes required for all parameters increased for all estimated effect sizes considered.

- As the predictor variance at Level-1, σ_A^2, decreased from 1.0 to 0.5, the sample sizes for decreased for Level-1 intercept parameter equations (β_{00}, β_{01}) and increased for Level-1 slope parameter equations (β_{10}, β_{11}) for all estimated effect sizes.

- When the predictor variance at Level-2, σ_X^2, decreased from 1.0 to 0.5, the sample sizes required per level increases for the large interactions (β_{01}, β_{11}) and sample sizes did not change for pure intercepts (β_{00}, β_{10}).

For this Level-2 HLM simulation all sample sizes tables for every combination is provided in Appendix B.1.

Level-3 HLM Sample Size Recommendations.

Similar to the Level-2 HLM simulation procedure, this research used the combined Level-3 HLM measurement model specified in Equation 44 and restated here: $Y_{ijk} = \gamma_{000} + \gamma_{010}X_{ijk} + \gamma_{001}W_{ijk} + \gamma_{011}X_{ijk}W_{ijk} + \gamma_{100}A_{ijk} + \gamma_{101}A_{ijk}W_{ijk} + \gamma_{110}A_{ijk}X_{ijk} + \gamma_{111}A_{ijk}X_{ijk}W_{ijk} + u_{11k}A_{ijk}X_{ijk} + u_{00k} + u_{01k}X_{ijk} + u_{10k}A_{ijk} + r_{1jk}A_{ijk} + r_{0jk} + e_{ijk}$. To accomplish Research Objective 1 Level-3 HLM analysis, five conditions were considered to determine the sample size requirements for a Level-3 HLM. The five conditions considered were:

1) the number of individuals, groups, and units at Level-1, Level-2 and Level-3, respectively, varied between 1 and 100;

2) two initial Level-1 error variances ($\sigma_e^2 = 1.0, 2.0$);

3) three cases for Level-3 error variance in which 1) Level-3, Level-2, and Level-1 decrease in values 2) Level-3 and Level-2 equal Level-1 error variance, and 3) Level-3 and Level-2 error variance is half that of Level-1 (Table 6);

4) three simulation cases for predictor variance in which 1) Level-3 and Level-2 equal Level-1 error variance, 2) Level-3 and Level-2 error variance is twice that of Level-1, and 3) Level-3 and Level-2 are half that of Level-1 (Table 7); and

5) three levels of parameter estimated effect sizes (0.1, 0.3, 0.7).

The three cases for error variance by level were based on realistic operational distributions where the variability of individuals at Level-1 is greater than or equal to the variability of groups and units at higher levels (Level-2 and Level-3). The associated simulation values are shown in Table 6. The error variance assumptions and variance terms were chosen similar to literature of Level-2 HLM analysis and such that the ICC values were generally moderate and largest at the lowest level. The comparable ICC values for each case are given in Table 8.

Table 6. Level-3: initial Level-1 error variance case assumptions and associated error variance values for each simulation case

Initial Level-1 Value	Level	Error Variance Assumptions Simulation Case 1	2	3	Error Variance Values Simulation Case 1	2	3
$\sigma_e^2 = 1.0$	Level-1	$4\sigma_e^2$	σ_e^2	$2\sigma_e^2$	4.0	1.0	2.0
	Level-2	$2\sigma_e^2$	σ_e^2	σ_e^2	2.0	1.0	1.0
	Level-3	σ_e^2	σ_e^2	σ_e^2	1.0	1.0	1.0
$\sigma_e^2 = 2.0$	Level-1	$4\sigma_e^2$	σ_e^2	$2\sigma_e^2$	8.0	2.0	4.0
	Level-2	$2\sigma_e^2$	σ_e^2	σ_e^2	4.0	2.0	2.0
	Level-3	σ_e^2	σ_e^2	σ_e^2	2.0	2.0	2.0

Table 7. Level-3: simulation cases for predictor distributions by level

Level	Predictor Distribution	Predictor Variance Term	Variance Values for Simulation Case 1	2	3
1	$A_{ijkl} \sim N(0, \sigma_A^2$	σ_A^2	1.0	0.5	1.0
2	$X_{ijk} \sim N(0, \sigma_X^2$	σ_X^2	1.0	1.0	0.5
3	$W_{ijk} \sim N(0, \sigma_W^2$	σ_W^2	1.0	1.0	0.5

Level-3 HLM Power Simulation Results.

The power, z_π, first generally introduced in Equation 19, of a Level-3 HLM is

$$z_\pi \approx \Phi\left(\frac{\hat{\gamma} - \gamma}{s.e.(\hat{\gamma})} - z_{1-\alpha/2}\right)$$

such that:

π is the minimum power considered equal to 0.80;

z_π is $z_{0.80}$ for the minimum power considered. Based on the standard normal table, the z-score is 0.7881;

$\hat{\gamma} - \gamma$ is the estimated effect size for the assumed values $0.1, 0.3,$ and 0.7;

$z_{1-\alpha/2}$ is $z_{0.975}$ for the significance value α equal to 0.05. Based on the standard normal

Table 8. Level-3: intraclass correlation (ICC) values for: the proportion of variance of individuals (ICC_1), the proportion of variance among groups (ICC_2), and the proportion of variance of units (ICC_3).

Simulation Case	**Variance Values by Level** Level-1 Level-2 Level-3	**Intraclass Correlation** $ICC_1 = \frac{\sigma_e^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2}$ $ICC_2 = \frac{\sigma_r^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2}$ $ICC_3 = \frac{\sigma_u^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2}$
1	$\sigma_e^2 = 4.0$ $\sigma_r^2 = 2.0$ $\sigma_u^2 = 1.0$	$ICC_1 = \frac{4}{4+2+1} = 0.571$ $ICC_2 = \frac{2}{4+2+1} = 0.286$ $ICC_3 = \frac{1}{4+2+1} = 0.143$
1	$\sigma_e^2 = 8.0$ $\sigma_r^2 = 4.0$ $\sigma_u^2 = 2.0$	$ICC_1 = \frac{8}{8+4+2} = 0.571$ $ICC_2 = \frac{4}{8+4+2} = 0.286$ $ICC_3 = \frac{2}{8+4+2} = 0.143$
2	$\sigma_e^2 = 1.0$ $\sigma_r^2 = 1.0$ $\sigma_u^2 = 1.0$	$ICC_1 = \frac{1}{1+1+1} = 0.333$ $ICC_2 = \frac{1}{1+1+1} = 0.333$ $ICC_3 = \frac{1}{1+1+1} = 0.333$
2	$\sigma_e^2 = 2.0$ $\sigma_r^2 = 2.0$ $\sigma_u^2 = 2.0$	$ICC_1 = \frac{2}{2+2+2} = 0.333$ $ICC_2 = \frac{2}{2+2+2} = 0.333$ $ICC_3 = \frac{2}{2+2+2} = 0.333$
3	$\sigma_e^2 = 2.0$ $\sigma_r^2 = 1.0$ $\sigma_u^2 = 1.0$	$ICC_1 = \frac{2}{2+1+1} = 0.5$ $ICC_2 = \frac{1}{2+1+1} = 0.25$ $ICC_3 = \frac{1}{2+1+1} = 0.25$
3	$\sigma_e^2 = 4.0$ $\sigma_r^2 = 2.0$ $\sigma_u^2 = 2.0$	$ICC_1 = \frac{4}{4+2+2} = 0.5$ $ICC_2 = \frac{2}{4+2+2} = 0.25$ $ICC_3 = \frac{2}{4+2+2} = 0.25$

table, the z-score is 1.96;

$s.e.(\hat{\gamma})$ are the derived diagonal elements of the $s.e.(\gamma)$ matrix for the parameter vector $[\gamma_{000}, \gamma_{100}, \gamma_{010}, \gamma_{110}, \gamma_{001}, \gamma_{101}, \gamma_{011}$ and $\gamma_{111}]$ as given in Equation 16.

For equal and varying sample sizes at Level-1, Level-2 and Level-3, the power is computed for each sample set of the five conditions outlined in the Level-3 HLM simulation procedure (Table 9 and Figures 16 to 21). Based on the assumed predictor variances, the figures illustrate plot comparisons for Level-3 HLM intercepts (γ_{000}, γ_{100}, γ_{010}, γ_{110}) and slopes (γ_{001}, γ_{101}, γ_{011}, γ_{111}) when $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (Figure 16), intercepts (γ_{000}, γ_{010}) and slopes (γ_{001}, γ_{011}) for Level-2 intercept parameter equations

Table 9. Level-3 HLM sample size suggestions for sufficient power ($\geq 80\%$) based on assumed predictor variances, error variances, and estimated effect sizes.

Level-3 Sample Size Suggestions											
						Effect Size					
						0.1		0.3		0.7	
Predictor Variance			Error Variance			Sample Size					
Level-1: $A_{ijk} \sim N(0, \sigma_A^2)$ σ_A^2	Level-2: $X_{ijk} \sim N(0, \sigma_X^2)$ σ_X^2	Level-2: $W_{ijk} \sim N(0, \sigma_W^2)$ σ_W^2	Level-1: $e_{ijk} \sim N(0, \sigma_e^2)$ σ_e^2	Level-2: $r_{ijk} \sim N(0, \sigma_r^2)$ σ_r^2	Level-3: $u_{ijk} \sim N(0, \sigma_u^2)$ σ_u^2	(n, g, h) for $n = g = h$	(n, g, h) for smallest group	(n, g, h) for $n = g = h$	(n, g, h) for smallest group	(n, g, h) for $n = g = h$	(n, g, h) for smallest group
Intercepts and Slopes: $\gamma_{000}, \gamma_{100}, \gamma_{010}, \gamma_{110}, \gamma_{001}, \gamma_{101}, \gamma_{011}, \gamma_{111}$											
1.0	1.0	1.0	4.0	2.0	1.0	20	(13,21,29)	10	(7,7,19)	7	(1,13,17)
			8.0	4.0	2.0	26	(13,27,45)	13	(1,30,60)	8	(1,13,29)
			1.0	1.0	1.0	17	(3,29,55)	9	(1,13,45)	6	(1,9,17)
			2.0	2.0	2.0	22	(13,27,27)	11	(5,13,17)	7	(1,5,50)
			2.0	1.0	1.0	18	(9,23,27)	9	(1,23,29)	6	(1,13,13)
			4.0	2.0	2.0	23	(13,17,50)	11	(9,11,13)	7	(1,7,40)
Intercepts and Slopes for Level-2 Intercept Parameter Equation: $\gamma_{000}, \gamma_{010}, \gamma_{001}, \gamma_{011}$											
0.5	1.0	1.0	4.0	2.0	1.0	20	(7,29,35)	10	(1,15,55)	6	(1,11,17)
			8.0	4.0	2.0	25	(7,45,45)	12	(1,23,70)	7	(1,11,30)
			1.0	1.0	1.0	16	(7,21,27)	8	(1,21,23)	5	(1,3,40)
			2.0	2.0	2.0	20	(13,21,29)	10	(1,23,40)	6	(1,5,40)
			2.0	1.0	1.0	17	(5,19,50)	9	(1,21,27)	6	(1,11,13)
			4.0	2.0	2.0	22	(13,27,27)	11	(9,11,11)	7	(1,3,80)
Intercepts and Slopes for Level-2 Slope Parameter Equations: $\gamma_{100}, \gamma_{110}, \gamma_{101}, \gamma_{111}$											
0.5	1.0	1.0	4.0	2.0	1.0	25	(7,29,70)	12	(1,30,55)	8	(1,15,25)
			8.0	4.0	2.0	31	(7,45,90)	15	(3,27,40)	9	(1,11,60)
			1.0	1.0	1.0	20	(15,23,23)	10	(3,11,29)	7	(1,3,80)
			2.0	2.0	2.0	26	(13,27,45)	13	(3,21,29)	8	(1,19,21)
			2.0	1.0	1.0	22	(5,19,100)	11	(1,25,45)	7	(1,13,21)
			4.0	2.0	2.0	27	(15,23,55)	13	(3,25,29)	8	(1,19,25)
Pure Intercepts: $\gamma_{000}, \gamma_{100}$											
1.0	0.5	0.5	4.0	2.0	1.0	20	(7,29,35)	10	(3,13,21)	6	(1,5,35)
			8.0	4.0	2.0	25	(7,45,45)	12	(1,40,40)	7	(1,11,29)
			1.0	1.0	1.0	16	(9,11,40)	8	(1,19,25)	5	(1,5,23)
			2.0	2.0	2.0	20	(13,21,29)	10	(1,9,100)	6	(1,7,27)
			2.0	1.0	1.0	17	(5,19,50)	9	(1,19,29)	5	(1,5,25)
			4.0	2.0	2.0	22	(3,35,90)	11	(1,27,40)	7	(1,13,17)
Individual Predictors: $\gamma_{010}, \gamma_{110}, \gamma_{001}, \gamma_{101}$											
1.0	0.5	0.5	4.0	2.0	1.0	25	(7,29,70)	12	(5,13,25)	8	(1,15,23)
			8.0	4.0	2.0	31	(7,45,90)	15	(1,40,80)	9	(7,7,13)
			1.0	1.0	1.0	20	(13,21,29)	10	(7,7,19)	7	(1,13,17)
			2.0	2.0	2.0	26	(13,27,45)	13	(1,30,60)	8	(1,13,29)
			2.0	1.0	1.0	22	(13,27,270	11	(5,13,17)	7	(1,5,50)
			4.0	2.0	2.0	27	(3,70,90)	13	(1,27,80)	8	(1,11,40)
Large Interactions: $\gamma_{011}, \gamma_{111}$											
1.0	0.5	0.5	4.0	2.0	1.0	31	(15,19,100)	15	(5,13,50)	9	(1,23,30)
			8.0	4.0	2.0	39	(7,90,90)	19	(1,80,80)	11	(1,23,55)
			1.0	1.0	1.0	26	(23,23,30)	13	(11,13,13)	8	(1,15,29)
			2.0	2.0	2.0	32	(13,27,90)	16	(1,40,90)	10	(3,11,23)
			2.0	1.0	1.0	27	(15,23,55)	14	(3,21,35)	8	(1,9,55)
			4.0	2.0	2.0	34	(7,60,90)	17	(11,17,23)	10	(1,11,80)

when $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = 1.0$, (Figure 17), intercepts (γ_{100} γ_{110}) and slopes (γ_{101}, and γ_{111}) for Level-2 slope parameter equations when $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = 1.0$ (Figure 18), pure intercepts (γ_{000}, γ_{100}) when $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$ (Figure 19), individual predictors of the combined model (γ_{010} γ_{110}, γ_{001}, γ_{101}) when $\sigma_A^2 = 1.0$ and

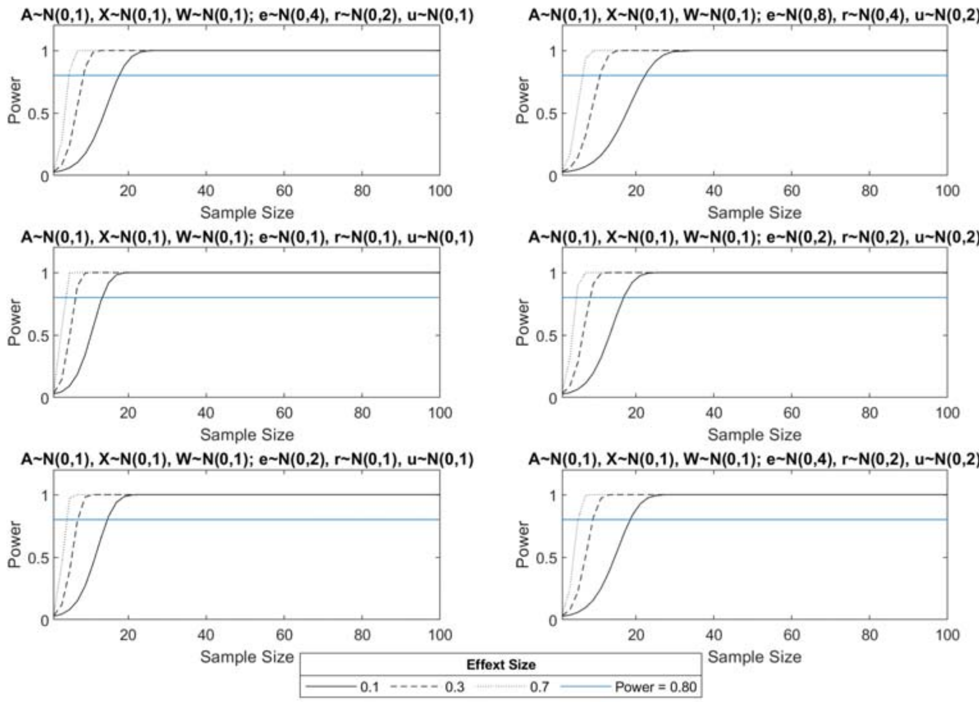

Figure 16. Level-3 HLM power versus sample size plots for intercepts and slopes (γ_{000}, γ_{100}, γ_{010}, γ_{110}, γ_{001}, γ_{101}, γ_{011} and γ_{111}) with $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$.

$\sigma_X^2 = \sigma_W^2 = 0.5$ (Figure 20), and slopes of large interactions (γ_{011}, γ_{111}) when $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$ (Figure 21). Notice in each of these figures that overall sufficient power 0.80 is achieved generally with no more than a sample size of 20 per level.

The specific sample size recommendations to achieve at least 0.80 power for $n = g = h$ and the smallest sample size set (n, g, h) for each predictor and error distribution are outlined in Table 9. The smallest sample size set refers to the set in which the smallest value for Level-1, Level-2, or Level-3 is found that results in at least 80% power. That is, numbers within the (n, g, h) set are interchangeable between levels and are conventionally listed smallest to largest. For comparison, this research associates the first number, n, with Level-1, the second number, g, with Level-2, and the third number, h, with Level-3.

Comparing previous Level-2 sufficient sample sizes at each level for a minimum power of 0.80 to Level-3 samples sizes has not been done in previous studies. This research examined the general rule of thumb of 30 samples at each level to the 3rd-level of a Level-3

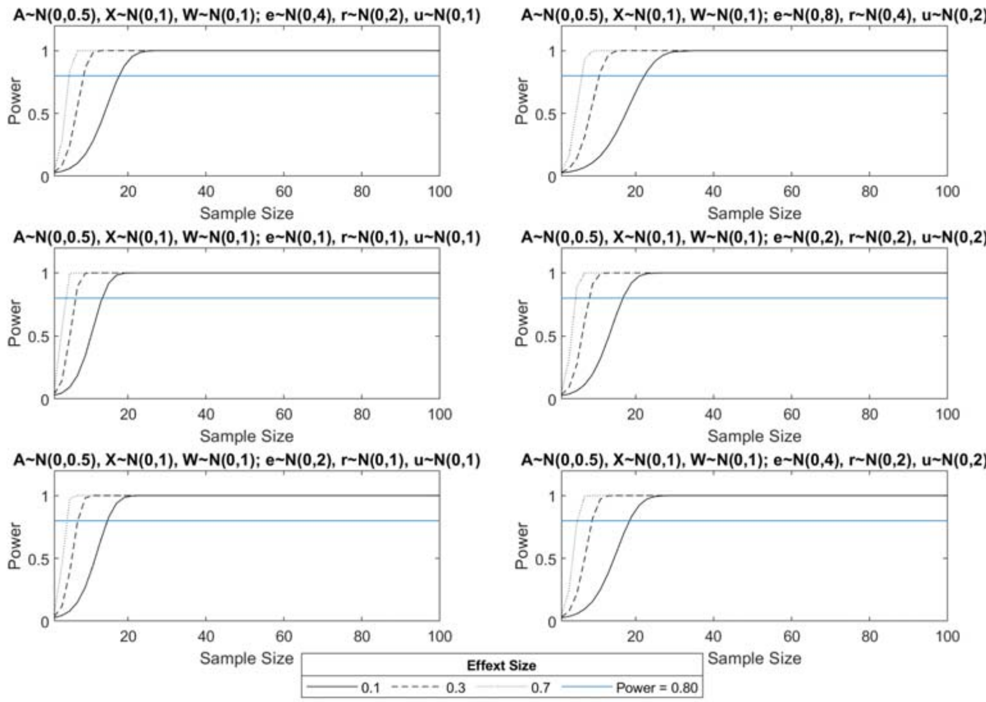

Figure 17. Level-3 HLM power versus sample size plots for intercepts and slopes for Level-1 intercept parameter equations (γ_{000}, γ_{010}, γ_{001}, γ_{011}) with predictor variances $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = 1.0$.

HLM and in Table 9 provided the exact sample size requirements to achieve at least 0.80 power in parameter testing. For different estimated effect sizes this research found that when predictor and error variance at Level-1, Level-2 and Level-3 equals 1.0 ($\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = \sigma_e^2 = \sigma_r^2 = \sigma_u^2 = 1.0$) the assumption of 30 samples at Level-1, Level-2, and Level-3 to achieve a minimum power of 0.80 is more than sufficient because the minimum number of samples needed at each level was found to be 17 for estimated effect size 0.1, almost half of the general rule (Table 9), and 9 an 6 sample sizes per level for estimated effect size 0.3 and 0.7, respectively. In fact, at $n = g = h = 30$ for all estimated effect sizes (0.1, 0.3, 0.7) 1.00 power was achieved as shown in Appendix B.2.

Similar to the Level-2 HLM, for all Level-3 HLM scenarios considered, as the estimated effect size (0.1, 0.3, 0.7) increased, the number of samples for each level required to achieve a minimum power of 0.80 decreased. For example, in Table 9 and Figure 16, the Level-3 HLM intercepts (γ_{000}, γ_{100},γ_{010},γ_{110}) and slopes (γ_{001},γ_{101},γ_{011},γ_{111}) with predictor

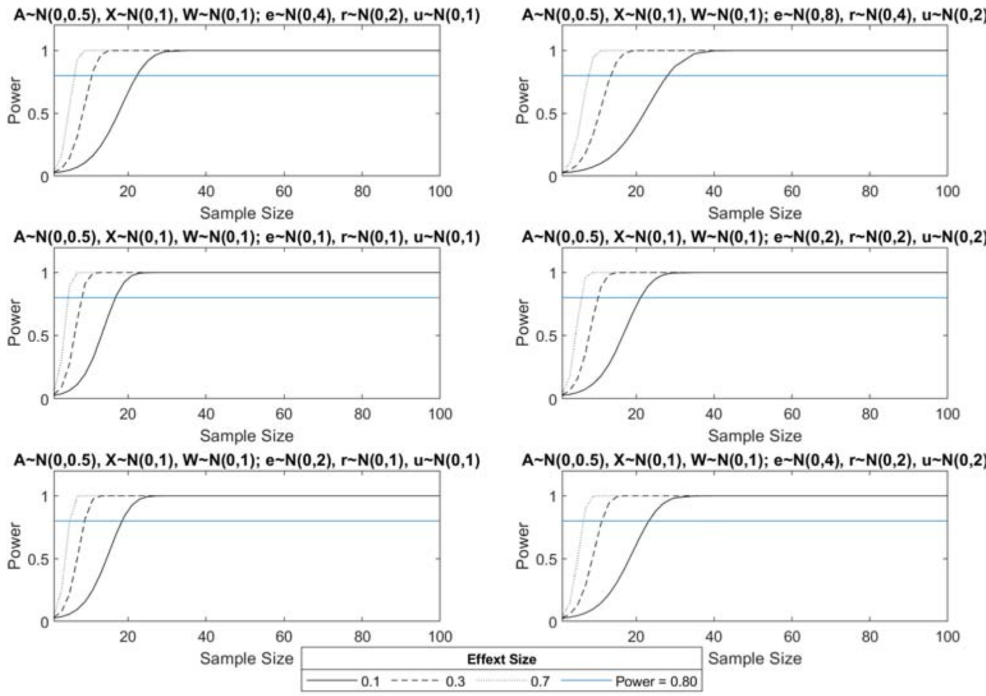

Figure 18. Level-3 HLM power versus sample size plots for intercepts and slopes For Level-1 slope parameter equations (γ_{100}, γ_{110}, γ_{101}, γ_{111}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$.

variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$, and error variances $\sigma_e^2 = 2.0$ and $\sigma_r^2 = \sigma_u^2 = 1.0$ required 18, 9, and 6 samples at Level-1, Level-2, and Level-3 when $n = g = h$ for estimated effect sizes 0.1, 0.3, and 0.7, respectively. In other words, estimated effect size 0.7 required 12 fewer samples per level than estimated effect size 0.1. Also, if the smallest set of (n, g, h) is considered, then the associated sample size sets are (9,23,27), (1,23,29), and (1,13,13) at Level-1, Level-2, and Level-3 for estimated effect sizes 0.1, 0.3, and 0.7, respectively. With unequal sample sizes, estimated effect size 0.7 required 88.9% fewer samples at Level-1, 51.8% fewer samples at Level-2, and 43.5% fewer samples at Level-3 than estimated effect size 0.1 to achieve a minimum power of 0.80. That is the smallest set (n, g, h) required a difference of 8 (for n), 20 (for g), and 24 (for h). Notice, the highest sample size differences are in the higher levels by convention. Furthermore, for larger estimated effect sizes, it is possible to achieve power by sampling a single unit or group.

As the error variance double (Table 6: Case 1 versus Case 2) for all Level-3 HLM

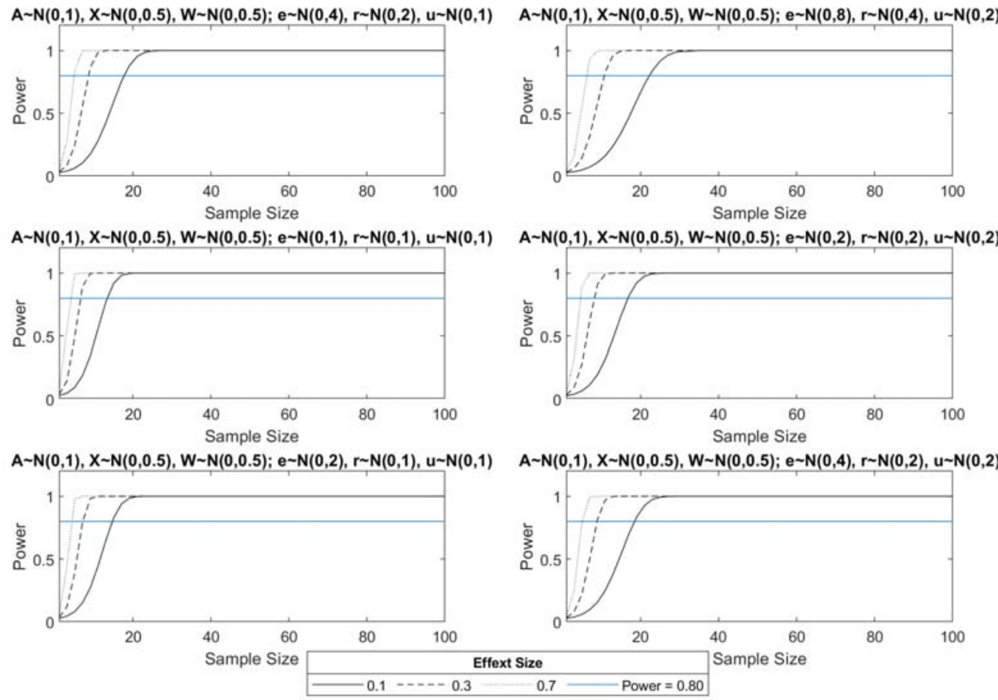

Figure 19. Level-3 HLM power versus sample size plots for pure intercepts (γ_{000},γ_{100}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$.

predictor and error variance scenarios, the sample sizes needed per level increase to achieve a minimum power of 0.80. This is demonstrated in Figures 16 to 21 when comparing the left-hand side to the right-hand side. For example, for the Level-3 HLM slopes of large interactions ($\gamma_{011}, \gamma_{111}$) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$, when the error variances increases from $\sigma_e^2 = 2.0$ and $\sigma_r^2 = \sigma_u^2 = 1.0$ to $\sigma_e^2 = 4.0$ and $\sigma_r^2 = \sigma_u^2 = 2.0$ the number of required samples at Level-1, Level-2, and Level-3 when $n = g = h$ is 5, 2, and 1 more samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively, to achieve a minimum power of 0.80 (Table 6). The smallest set (n, g, h) requires an increase of (8,37,35), (8,4,12), and (0,2,25) samples per each level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 6 and Figure 21).

As the error variance at Level-1, σ_e^2, increases, for all Level-3 HLM predictor variances considered, the sample sizes required to achieve a minimum power of 0.80, increases for all estimated effect sizes (Table 9 and Figures 16 to 21). For example, consider the Level-3

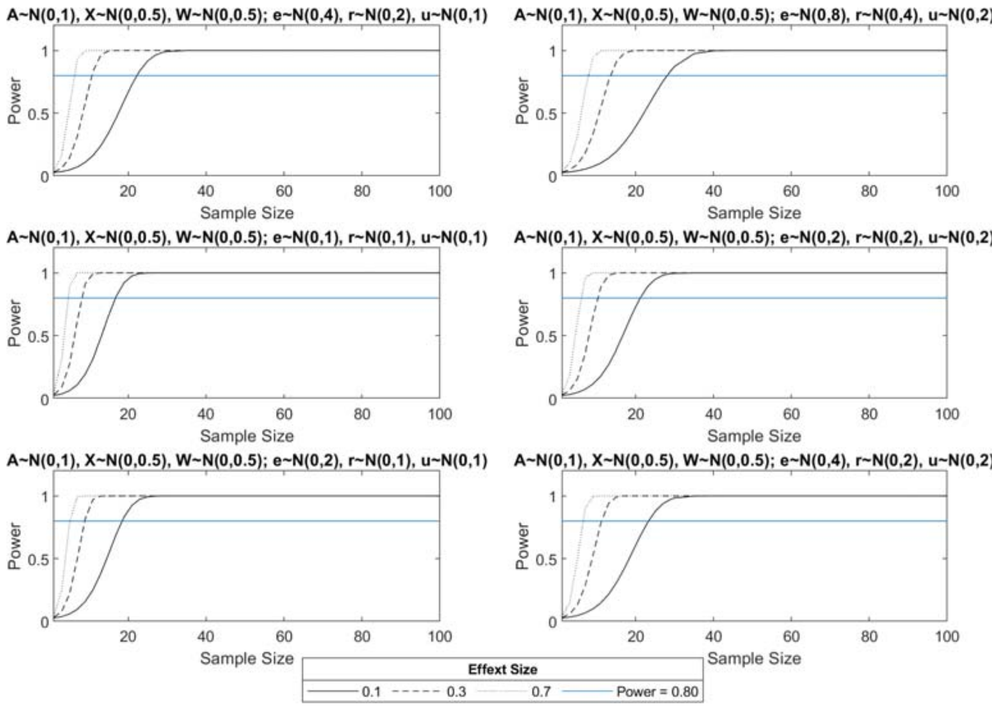

Figure 20. Level-3 HLM power versus sample size plots for intercepts and slopes for individual predictors of the combined Model (γ_{010}, γ_{110}, γ_{001}, γ_{101}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$.

HLM large interactions $(\gamma_{011}, \gamma_{111})$ with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$, and error variances $\sigma_e^2 = \sigma_r^2 = \sigma_u^2 = 1.0$. When the Level-1 error variance doubles from $\sigma_e^2 = 1.0$ to $\sigma_e^2 = 2.0$ the number of required samples at Level-1, Level-2, and Level-3 when $n = g = h$ is 6, 3, and 2 more samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively, to achieve a minimum power of 0.80 (Table 9 and Figure 21).

As the predictor variance at Level-1, σ_A^2, decreases from 1.0 to 0.5, the sample sizes required generally stay the same or decrease by 1 sample sizes per a level for all estimated effect sizes for intercepts and slopes $(\gamma_{000}, \gamma_{010}, \gamma_{001,\gamma_{011}})$ of Level-2 intercept parameter equations and increase for intercept and slopes $(\gamma_{100}, \gamma_{110}, \gamma_{101}, \gamma_{111})$ for Level-2 slope parameter equations (Table 9 and Figures 17 to 18). For example, for the Level-3 HLM intercepts and slopes with predictor variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$, and error variances $\sigma_e^2 = \sigma_r^2 = \sigma_u^2 = 1.0$ compared to Level-1 predictor variance $\sigma_A^2 = 0.5$ for the intercepts and slopes of the Level-2 slope parameter equations, the number of required samples at

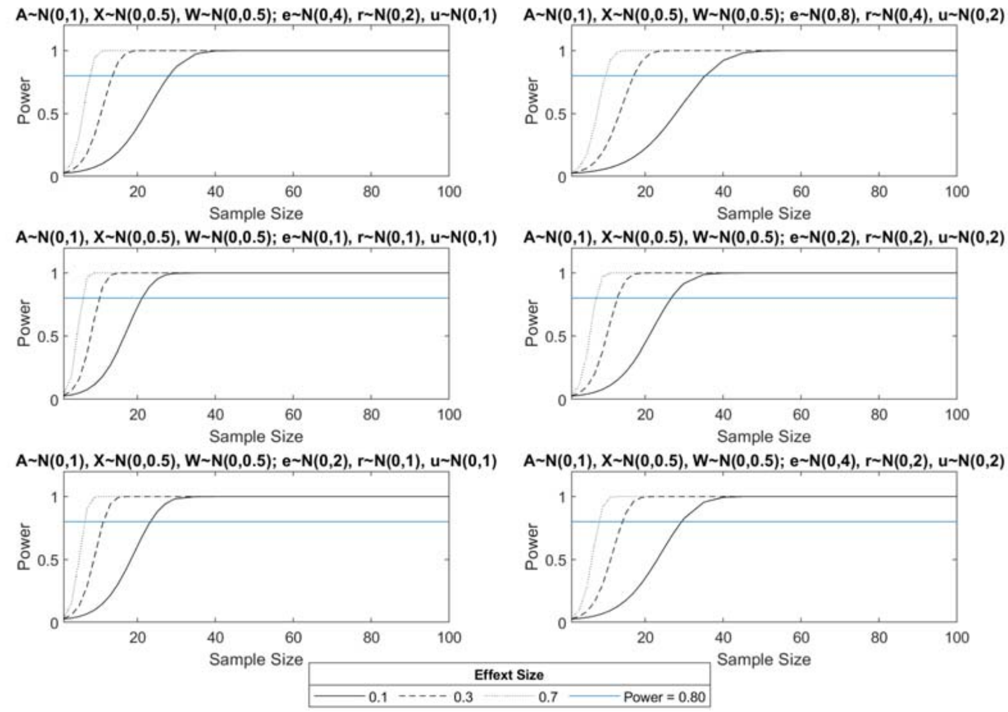

Figure 21. Level-3 HLM power versus sample size plots for slopes of big interactions (γ_{011}, γ_{111}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$.

Level-1, Level-2, and Level-3 for equal sample sizes ($n = g = h$) is 3, 1, and 1 more samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 9 and Figures 16 to 17). Whereas, to achieve a minimum power of 0.80 when predictor variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$, and error variances $\sigma_e^2 = \sigma_r^2 = \sigma_u^2 = 1.0$ compared to Level-1 predictor variance $\sigma_A^2 = 0.5$ for Level-2 intercept parameter equations, the number of required samples at Level-1, Level-2, and Level-3 for equal sample sizes ($n = g = h$) is 1, 1, and 1 fewer sample sizes per level for estimated effect size 0.1, 0.3, and 0.7, respectively (Table 9 and Figure 17).

As the predictor variances at Level-2 and Level-3, σ_X^2 and σ_W^2, decreases from 1.0 to 0.5, the sample sizes required per level to achieve a minimum power of 0.80 generally increases for all estimated effect sizes for pure intercepts ($\gamma_{000}, \gamma_{100}$), individual predictors of the combined model ($\gamma_{010}, \gamma_{110}, \gamma_{001}, \gamma_{101}$), and large interactions ($\gamma_{011}, \gamma_{111}$) (Table 9 and Figures 19 to 21). For example, for the Level-3 HLM predictor distributions

$\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ and error variance $\sigma_e^2 = \sigma_r^2 = \sigma_u^2 = 1.0$ compared to Level-3 predictor variances $\sigma_X^2 = \sigma_W^2 = 0.5$, the number of required samples at Level-1, Level-2, and Level-3 when $n = g = h$ for large interactions $(\gamma_{011}, \gamma_{111})$ is 9, 4, and 2 more samples per level for effects sizes 0.1, 0.3, and 0.7, respectively (Table 9 and Figures 16 and 19). To achieve a minimum power of 0.80, the smallest set (n, g, h) required a difference of (20,6,25), (10,0,32), and (0,6,12) samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 9 and Figures 16 and 19).

In general, Level-3 HLM sample size recommendations and trends are similar to Level-2 conclusions. For a Level-3 HLM to achieve sufficient power of 0.80 for different estimated effect sizes this research found that:

- The general rule of thumb was an over estimate for Level-3 HLM sample size requirements. 30 sample sizes at Level-1 and Level-2 did not extend to Level-3. Low estimated effect sizes (e.g., 0.1) required 17 samples at each level and higher estimated effect sizes (0.3 and 0.7), required a minimum of 9 and 6 sample sizes at each level, respectively.
- As the estimated effect sizes (0.1, 0.3, 07) increase for all Level-3 parameters $(\gamma_{000}, \gamma_{010}, \gamma_{001}, \gamma_{011}, \gamma_{100}, \gamma_{110}, \gamma_{101}, \gamma_{111})$ the number of samples required per level decreased.
- When error variance $(\sigma_e^2, \sigma_r^2, \sigma_u^2)$ values double (Figures 16 to 21 right-hand side compared to left-hand side) for all Level-3 parameters and estimated effect sizes the sample sizes needed per level increased.
- If the error variance at Level-1, σ_e^2, increased, the sample sizes required increased for all estimated effect sizes.
- As the predictor variance at Level-1, σ_A^2, decreased from 1.0 to 0.5, the sample sizes required generally stayed the same or decreased by 1 sample size per level for all estimated effect sizes considered (0.1, 0.3,0.7) for the intercepts and slopes of the

Level-2 intercept parameter equations and increased for Level-2 slope parameter equations.

- When the predictor variances at Level-2 and Level-3, σ_X^2 and σ_W^2, decreased from 1.0 to 0.5, the sample sizes required per level generally increased for individual predictors of the combined model ($\gamma_{010}, \gamma_{110}, \gamma_{001}, \gamma_{101}$) and large interactions ($\gamma_{011}, \gamma_{111}$), while minimally increasing for pure intercepts ($\gamma_{000}, \gamma_{100}$).

For this Level-3 HLM simulation, all sample size tables for every combinations within the simulation are provided in Appendix B.3.

Level-4 HLM Sample Size Recommendations.

Similar to the Level-2 and Level-3 HLM simulation procedure, this research used the combined Level-4 measurement model specified in Equation 29 and restated here: $Y_{ijkl} = \delta_{0000} + \delta_{1000}A_{ijkl} + \delta_{0100}X_{ijkl} + \delta_{0010}W_{ijkl} + \delta_{0001}Z_{ijkl} + \delta_{1100}A_{ijkl}X_{ijkl} + \delta_{1010}A_{ijkl}W_{ijkl} + \delta_{1001}A_{ijkl}Z_{ijkl} + \delta_{0110}X_{ijkl}W_{ijkl} + \delta_{0101}X_{ijkl}Z_{ijkl} + \delta_{0011}W_{ijkl}Z_{ijkl} + \delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl} + \delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl} + \delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} + v_{111l}A_{ijkl}X_{ijkl}W_{ijkl} + v_{011l}X_{ijkl}W_{ijkl} + v_{101l}A_{ijkl}W_{ijkl} + v_{110l}A_{ijkl}X_{ijkl} + v_{001l}W_{ijkl} + v_{010l}X_{ijkl} + v_{100l}A_{ijkl} + v_{000l} + u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl}$. To accomplish Research Objective 1 Level-4 HLM analysis, five conditions were considered to determine the sample size requirements for a Level-4 HLM. The five conditions considered were:

1) the number of individuals, groups, units, and organizations at Level-1, Level-2, Level-3, and Level-4, respectively, varied between 1 and 100;

2) two initial Level-1 error variances ($\sigma_e^2 = 1.0, 2.0$);

3) three cases for Level-3 error variance in which 1) Level4, Level-3, Level-2, and Level-1 decrease in values 2) Level-4, Level-3 and Level-2 equal Level-1 error variance, and 3) Level-4, Level-3, and Level-2 error variance is half that of Level-1 (Table 10);

4) three simulation cases for predictor variance in which 1) Level-4, Level-3 and Level-2 equal Level-1 error variance, 2) Level-4, Level-3, and Level-2 error variance is twice that of Level-1, and 3) Level-4, Level-3, and Level-2 are half that of Level-1 (Table 11); and

5) three levels of parameter estimated effect sizes (0.1, 0.3, 0.7).

The three cases for error variance by level were based on realistic operational distributions where the variability of individuals at Level-1 is greater than or equal to the variability of groups, units, and organizations at higher levels (Level-2, Level-3, and Level-4). The associated simulation values are shown in Table 10. The error variance assumptions and variance terms were chosen similar to literature of Level-2 HLM analysis and such that the ICC values were generally moderate and largest at the lowest level. The comparable ICC values for each case is given in Table 12.

Table 10. Level-4: initial Level-1 error variance case assumptions and associated error variance values for each simulation case

Initial Level-1 Value	**Level**	**Error Variance Assumptions** Simulation Case			**Error Variance Values** Simulation Case		
		1	2	3	1	2	3
$\sigma_e^2 = 1.0$	Level-1	$8\sigma_e^2$	σ_e^2	$2\sigma_e^2$	8.0	1.0	2.0
	Level-2	$4\sigma_e^2$	σ_e^2	σ_e^2	4.0	1.0	1.0
	Level-3	$2\sigma_e^2$	σ_e^2	σ_e^2	2.0	1.0	1.0
	Level-4	σ_e^2	σ_e^2	σ_e^2	1.0	1.0	1.0
$\sigma_e^2 = 2.0$	Level-1	$8\sigma_e^2$	σ_e^2	$2\sigma_e^2$	14.0	2.0	4.0
	Level-2	$4\sigma_e^2$	σ_e^2	σ_e^2	8.0	2.0	2.0
	Level-3	$2\sigma_e^2$	σ_e^2	σ_e^2	4.0	2.0	2.0
	Level-4	σ_e^2	σ_e^2	σ_e^2	2.0	2.0	2.0

Table 11. **Level-4 HLM sample size suggestions for sufficient power based on assumed predictor distributions, error variance distributions, and estimated effect sizes.**

Level	Predictor Distribution	Predictor Variance Term	Variance Values for Simulation Case 1	2	3
1	$A_{ijkl} \sim N(0, \sigma_A^2)$	σ_A^2	1.0	0.5	1.0
2	$X_{ijkl} \sim N(0, \sigma_X^2)$	σ_X^2	1.0	1.0	0.5
3	$W_{ijkl} \sim N(0, \sigma_W^2)$	σ_W^2	1.0	1.0	0.5
4	$Z_{ijkl} \sim N(0, \sigma_Z^2)$	σ_Z^2	1.0	1.0	0.5

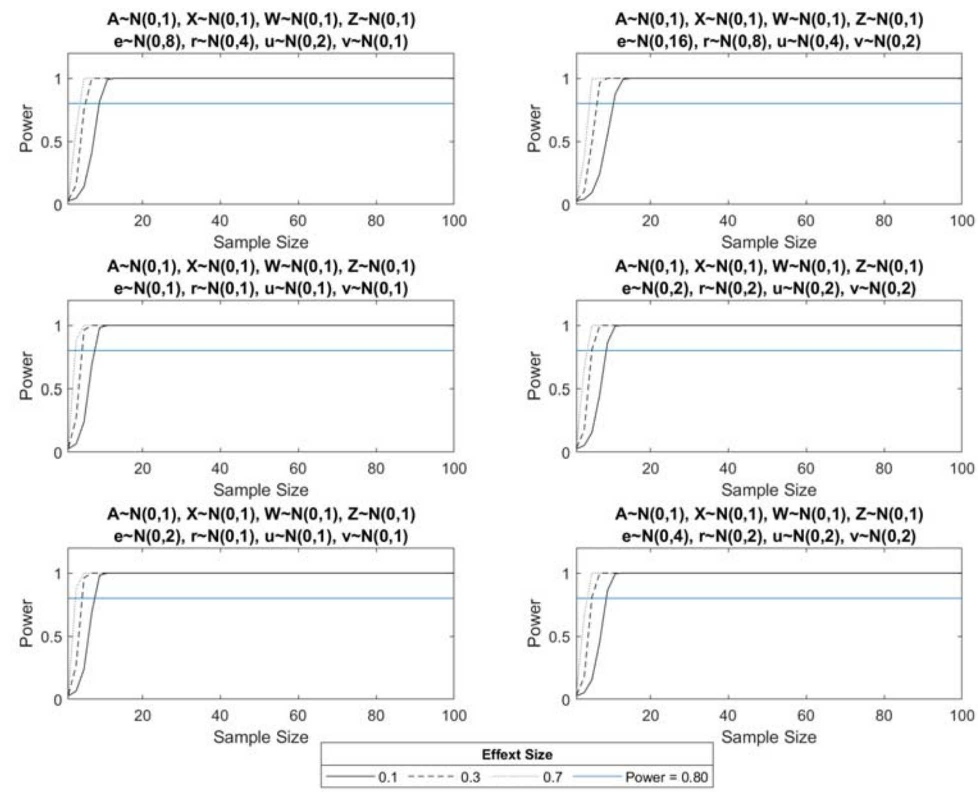

Figure 22. Level-4 HLM power versus Sample size plots for intercepts (δ_{0000}, δ_{0100}, δ_{1000}, δ_{1100}, δ_{0010}, δ_{0110}, δ_{1010}, δ_{1110}) and slopes (δ_{0001}, δ_{0101}, δ_{1001}, δ_{1101}, δ_{0011}, δ_{0111}, δ_{1011},δ_{1111}) with predictor variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$.

Level-4 HLM Power Simulation Results.

The power, z_π, first generally introduced in Equation 19, of a Level-4 HLM is

$$z_\pi \approx \Phi\left(\frac{\hat{\delta} - \delta}{s.e.(\hat{\delta})} - z_{1-\alpha/2}\right)$$

Table 12. Level-4: intraclass correlation (ICC) values for: the proportion of variance of individuals (ICC_1), the proportion of variance among groups (ICC_2), the proportion of variance of units (ICC_3), and the proportion of variance of organizations (ICC_4).

Simulation Case	Variance Values by Level Level-1 Level-2 Level-3 Level-4	Intraclass Correlation $ICC_1 = \frac{\sigma_e^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2+\sigma_v^2}$ $ICC_2 = \frac{\sigma_r^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2+\sigma_v^2}$ $ICC_3 = \frac{\sigma_u^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2+\sigma_v^2}$ $ICC_4 = \frac{\sigma_v^2}{\sigma_e^2+\sigma_r^2+\sigma_u^2+\sigma_v^2}$
1	$\sigma_e^2 = 8.0$ $\sigma_r^2 = 4.0$ $\sigma_u^2 = 2.0$ $\sigma_v^2 = 1.0$	$ICC_1 = \frac{8}{8+4+2+1} = 0.533$ $ICC_2 = \frac{4}{8+4+2+1} = 0.267$ $ICC_3 = \frac{2}{8+4+2+1} = 0.133$ $ICC_4 = \frac{1}{8+4+2+1} = 0.067$
1	$\sigma_e^2 = 16.0$ $\sigma_r^2 = 8.0$ $\sigma_u^2 = 4.0$ $\sigma_v^2 = 2.0$	$ICC_1 = \frac{16}{16+8+4+2} = 0.533$ $ICC_2 = \frac{8}{16+8+4+2} = 0.267$ $ICC_3 = \frac{4}{16+8+4+2} = 0.133$ $ICC_4 = \frac{2}{16+8+4+2} = 0.067$
2	$\sigma_e^2 = 1.0$ $\sigma_r^2 = 1.0$ $\sigma_u^2 = 1.0$ $\sigma_v^2 = 1.0$	$ICC_1 = \frac{1}{1+1+1+1} = 0.25$ $ICC_2 = \frac{1}{1+1+1+1} = 0.25$ $ICC_3 = \frac{1}{1+1+1+1} = 0.25$ $ICC_4 = \frac{1}{1+1+1+1} = 0.25$
2	$\sigma_e^2 = 2.0$ $\sigma_r^2 = 2.0$ $\sigma_u^2 = 2.0$ $\sigma_v^2 = 2.0$	$ICC_1 = \frac{2}{2+2+2+2} = 0.25$ $ICC_2 = \frac{2}{2+2+2+2} = 0.25$ $ICC_3 = \frac{2}{2+2+2+2} = 0.25$ $ICC_4 = \frac{1}{2+2+2+2} = 0.25$
3	$\sigma_e^2 = 2.0$ $\sigma_r^2 = 1.0$ $\sigma_u^2 = 1.0$ $\sigma_v^2 = 1.0$	$ICC_1 = \frac{2}{2+1+1+1} = 0.4$ $ICC_2 = \frac{1}{2+1+1+1} = 0.2$ $ICC_3 = \frac{1}{2+1+1+1} = 0.2$ $ICC_4 = \frac{1}{2+1+1+1} = 0.2$
3	$\sigma_e^2 = 4.0$ $\sigma_r^2 = 2.0$ $\sigma_u^2 = 2.0$ $\sigma_v^2 = 2.0$	$ICC_1 = \frac{4}{4+2+2+2} = 0.4$ $ICC_2 = \frac{2}{4+2+2+2} = 0.2$ $ICC_3 = \frac{2}{4+2+2+2} = 0.2$ $ICC_4 = \frac{2}{4+2+2+2} = 0.2$

such that:

π is the minimum power considered equal to 0.80;

z_π is z_π for the minimum power considered. Based on the standard normal table, the z-score is 0.7881;

Table 13. Level-4 HLM sample size suggestions for sufficient power ($\geqq 80\%$) based on assumed predictor variances, error variances, and estimated effect sizes.

Level-4 Sample Size Suggestions													
								Effect Size					
								0.1		0.3		0.7	
Predictor Distributions				Error Variance Distributions				Sample Size					
Level-1: $A_{ijkl}\sim N(0,\sigma_A^2)$ σ_A^2	Level-2: $X_{ijkl}\sim N(0,\sigma_X^2)$ σ_X^2	Level-3: $W_{ijkl}\sim N(0,\sigma_W^2)$ σ_W^2	Level-4: $Z_{ijkl}\sim N(0,\sigma_Z^2)$ σ_Z^2	Level-1: $e_{ijkl}\sim N(0,\sigma_e^2)$ σ_e^2	Level-2: $r_{ijkl}\sim N(0,\sigma_r^2)$ σ_r^2	Level-3: $u_{ijkl}\sim N(0,\sigma_u^2)$ σ_u^2	Level-4: $v_{ijkl}\sim N(0,\sigma_v^2)$ σ_v^2	(n,g,h,f) for $n=g=h=f$	(n,g,h,f) for Smallest group	(n,g,h,f) for $n=g=h=f$	(n,g,h) for Smallest group	(n,g,h,f) for $n=g=h=f$	(n,g,h,f) for smallest group
Intercepts and Slopes: $\delta_{0000},\delta_{0100},\delta_{1000},\delta_{1100},\delta_{0010},\delta_{0110},\delta_{1010},\delta_{1110},\delta_{0001},\delta_{0101},\delta_{1001},\delta_{1101},\delta_{0011},\delta_{0111},\delta_{1011},\delta_{1111}$													
1.0	1.0	1.0	1.0	8.0	4.0	2.0	1.0	12	(1,19,25,35)	7	(1,3,13,50)	5	(1,1,13,35)
				16.0	8.0	4.0	2.0	14	(3,13,17,50)	8	(1,3,23,55)	6	(1,1,23,35)
				1.0	1.0	1.0	1.0	10	(1,13,15,45)	6	(1,1,27,40)	5	(1,1,11,27)
				2.0	2.0	2.0	2.0	12	(1,15,29,40)	7	(1,3,17,40)	5	(1,1,19,27)
				2.0	1.0	1.0	1.0	10	(3,11,17,17)	6	(1,1,13,90)	5	(1,1,7,45)
				4.0	2.0	2.0	2.0	12	(1,15,23,55)	7	(1,9,13,19)	5	(1,3,13,13)
Intercepts and Slopes for Level-3 Intercept Parameter Equation: $\delta_{0000},\delta_{0100},\delta_{1000},\delta_{1100},\delta_{0001},\delta_{0101},\delta_{1001},\delta_{1101}$													
0.5	1.0	1.0	1.0	8.0	4.0	2.0	1.0	11	(1,12,23,55)	7	(1,11,11,13)	5	(1,1,9,40)
				16.0	8.0	4.0	2.0	13	(1,17,35,45)	8	(1,7,19,23)	6	(1,7,7,13)
				1.0	1.0	1.0	1.0	9	(1,7,13,70)	6	(1,1,23,35)	4	(1,1,13,17)
				2.0	2.0	2.0	2.0	11	(1,11,23,50)	7	(1,1,27,55)	5	(1,7,7,7)
				2.0	1.0	1.0	1.0	10	(1,13,19,29)	6	(1,1,25,35)	4	(1,1,11,21)
				4.0	2.0	2.0	2.0	11	(1,15,19,50)	7	(1,1,21,80)	5	(1,1,15,25)
Intercepts and Slopes for Level-3 Slope Parameter Equations: $\delta_{0010},\delta_{0110},\delta_{1010},\delta_{1110},\delta_{0011},\delta_{0111},\delta_{1011},\delta_{1111}$													
0.5	1.0	1.0	1.0	8.0	4.0	2.0	1.0	13	(1,13,23,90)	8	(1,1,35,90)	6	(1,1,9,80)
				16.0	8.0	4.0	2.0	16	(1,17,35,90)	9	(1,9,17,40)	6	(1,1,23,55)
				1.0	1.0	1.0	1.0	11	(1,15,17,50)	7	(1,11,11,13)	5	(1,3,11,13)
				2.0	2.0	2.0	2.0	13	(11,11,11,19)	8	(1,3,11,90)	6	(1,1,23,30)
				2.0	1.0	1.0	1.0	11	(1,9,29,55)	7	(1,1,25,70)	5	(1,1,19,25)
				4.0	2.0	2.0	2.0	13	(3,13,27,27)	8	(1,13,15,17)	6	(1,1,15,50)
Pure Intercepts: $\delta_{0000},\delta_{1000}$													
1.0	0.5	0.5	0.5	8.0	4.0	2.0	1.0	11	(1,9,17,80)	7	(1,1,35,40)	5	(1,1,11,27)
				16.0	8.0	4.0	2.0	13	(1,29,29,29)	8	(1,1,50,55)	5	(1,1,11,50)
				1.0	1.0	1.0	1.0	9	(1,5,23,45)	5	(1,1,23,27)	4	(1,1,3,50)
				2.0	2.0	2.0	2.0	11	(1,9,19,60)	6	(1,7,13,13)	4	(1,1,15,17)
				2.0	1.0	1.0	1.0	9	(1,9,11,60)	6	(1,1,7,100)	4	(1,1,13,13)
				4.0	2.0	2.0	2.0	11	(1,13,13,70)	7	(1,1,17,80)	5	(1,1,17,17)
Lower Level Predictors: $\delta_{0100},\delta_{0010},\delta_{0001},\delta_{1100},\delta_{1010},\delta_{1001}$													
1.0	0.5	0.5	0.5	8.0	4.0	2.0	1.0	13	(9,11,13,19)	8	(1,1,35,80)	5	(1,1,17,35)
				16.0	8.0	4.0	2.0	15	(9,11,17,29)	9	(1,1,55,100)	6	(1,9,11,11)
				1.0	1.0	1.0	1.0	11	(1,5,23,90)	6	(1,1,35,35)	5	(1,1,13,23)
				2.0	2.0	2.0	2.0	12	(1,19,27,40)	7	(1,5,19,25)	5	(1,3,13,13)
				2.0	1.0	1.0	1.0	11	(1,19,25,25)	7	(1,1,35,40)	5	(1,7,7,7)
				4.0	2.0	2.0	2.0	13	(7,7,21,23)	8	(1,11,13,19)	5	(1,1,23,25)
Higher Level Interactions: $\delta_{0110},\delta_{0101},\delta_{0011},\delta_{1110},\delta_{1101},\delta_{1011}$													
1.0	0.5	0.5	0.5	8.0	4.0	2.0	1.0	15	(5,17,23,25)	9	(1,9,23,27)	6	(1,7,13,13)
				16.0	8.0	4.0	2.0	18	(5,17,23,50)	11	(1,5,40,55)	7	(1,3,25,29)
				1.0	1.0	1.0	1.0	12	(1,15,25,55)	8	(1,1,35,70)	5	(1,1,15,40)
				2.0	2.0	2.0	2.0	9	(1,19,27,80)	9	(3,11,11,13)	6	(1,1,29,35)
				2.0	1.0	1.0	1.0	13	(1,19,25,50)	8	(1,1,35,80)	6	(1,3,13,17)
				4.0	2.0	2.0	2.0	15	(11,11,17,23)	9	(1,15,19,19)	6	(1,1,23,50)
Large Interactions: $\delta_{0111},\delta_{1111}$													
1.0	0.5	0.5	0.5	8.0	4.0	2.0	1.0	18	(5,17,23,50)	11	(1,7,40,40)	7	(1,3,27,29)
				16.0	8.0	4.0	2.0	22	(15,17,17,45)	13	(1,5,55,80)	9	(1,15,17,17)
				1.0	1.0	1.0	1.0	15	(7,7,29,29)	9	(1,1,70,70)	6	(1,3,19,21)
				2.0	2.0	2.0	2.0	17	(3,17,23,70)	10	(1,3,35,90)	7	(1,1,29,70)
				2.0	1.0	1.0	1.0	15	(7,17,19,21)	9	(1,1,70,80)	7	(1,3,21,21)
				4.0	2.0	2.0	2.0	18	(7,13,13,80)	11	(7,7,13,17)	7	(1,3,17,45)

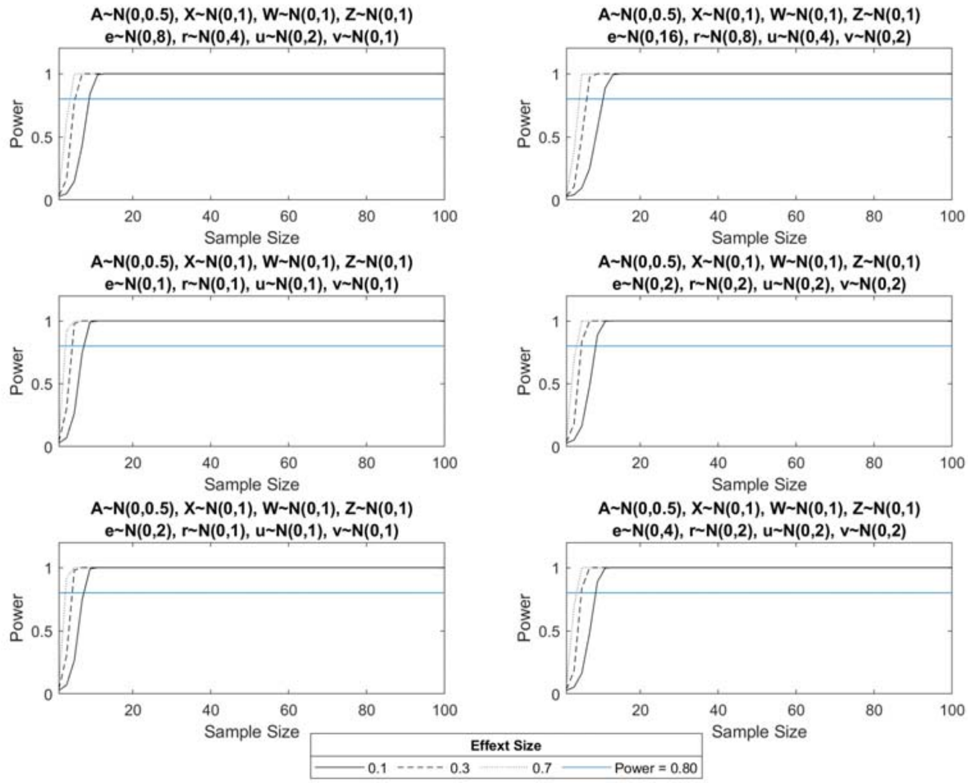

Figure 23. Level-4 HLM power versus sample size plots for intercepts and slopes for Level-3 intercept parameter equations ($\delta_{0000}, \delta_{0100}, \delta_{1000}, \delta_{1100}, \delta_{0001}, \delta_{0101}, \delta_{1001}, \delta_{1101}$) with predictor variances $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$.

$\hat{\delta} - \delta$ is the estimated effect size for the assumed values $0.1, 0.3,$ and 0.7;

$z_{1-\alpha/2}$ is $z_{0.975}$ for the significance value α equal to 0.05. Based on the standard normal table, the z-score is 1.96;

$s.e.(\hat{\delta})$ are the derived diagonal elements of the $s.e.(\gamma)$ matrix for the parameter vector $[\delta_{0000},\delta_{0100},\delta_{1000},\delta_{1100},\delta_{0010},\delta_{0110},\delta_{1010},\delta_{1110},\delta_{0001},\delta_{0101},\delta_{1001},\delta_{1101},\delta_{0011},\delta_{0111},\delta_{1011},\delta_{1111}]$ as given in Equation 19.

For equal and varying sample sizes at Level-1, Level-2, Level-3 and Level-4, the power is computed for each sample set of the five conditions outlined in the Level-4 HLM simulation procedure (Table 11 and Figures 22 to 28). Based on the assumed predictor variance, the figures illustrate plot comparisons for Level-4 HLM intercepts ($\delta_{0000}, \delta_{0100}, \delta_{1000}, \delta_{1100}, \delta_{0010}, \delta_{0110}, \delta_{1010}, \delta_{1110}$) and slopes

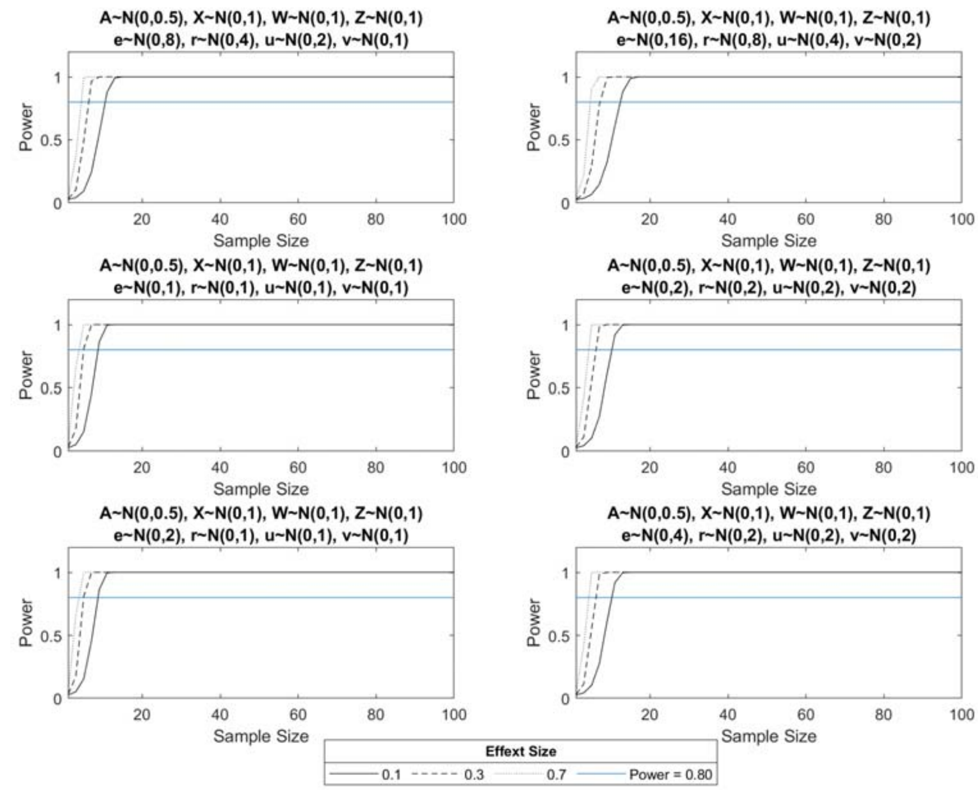

Figure 24. Level-4 HLM power versus sample size plots for intercepts and slopes for Level-3 slope parameter equations ($\delta_{0010}, \delta_{0110}, \delta_{1010}, \delta_{1110}, \delta_{0011}, \delta_{0111}, \delta_{1011}, \delta_{1111}$) with predictor variances $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$.

($\delta_{0001}, \delta_{0101}, \delta_{1001}, \delta_{1101}, \delta_{0011}, \delta_{0111}, \delta_{1011}, \delta_{1111}$) for $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$ (Figure 22), intercepts ($\delta_{1000}, \delta_{1100}, \delta_{1010}, \delta_{1110}$) and slopes ($\delta_{1001}, \delta_{1101}, \delta_{1011}, \delta_{1111}$) for Level-3 intercept parameter equations $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$ (Figure 23), intercepts ($\delta_{0000}, \delta_{0100}, \delta_{0010}, \delta_{0110}$) and slopes ($\delta_{0001}, \delta_{0101}, \delta_{0011}, \delta_{0111}$) for Level-3 slope parameter equations for $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$ (Figure 24), pure intercepts ($\delta_{0000}, \delta_{1000}$) for $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$) (Figure 25), lower level predictors ($\delta_{0100}, \delta_{0010}, \delta_{0001}, \delta_{1100}, \delta_{1010}, \delta_{1001}$) for $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$) (Figure 26, higher level interactions (δ_{0110}, δ_{0101}, δ_{0011}, δ_{1110}, δ_{1101},δ_{1011}) for $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$ (Figure 27), and large interactions ($\delta_{0111}, \delta_{1111}$) for $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$ (Figure 28). Again, these figures demonstrate sufficient power at decreasing sample sizes per level. Further the differences in power between low estimated

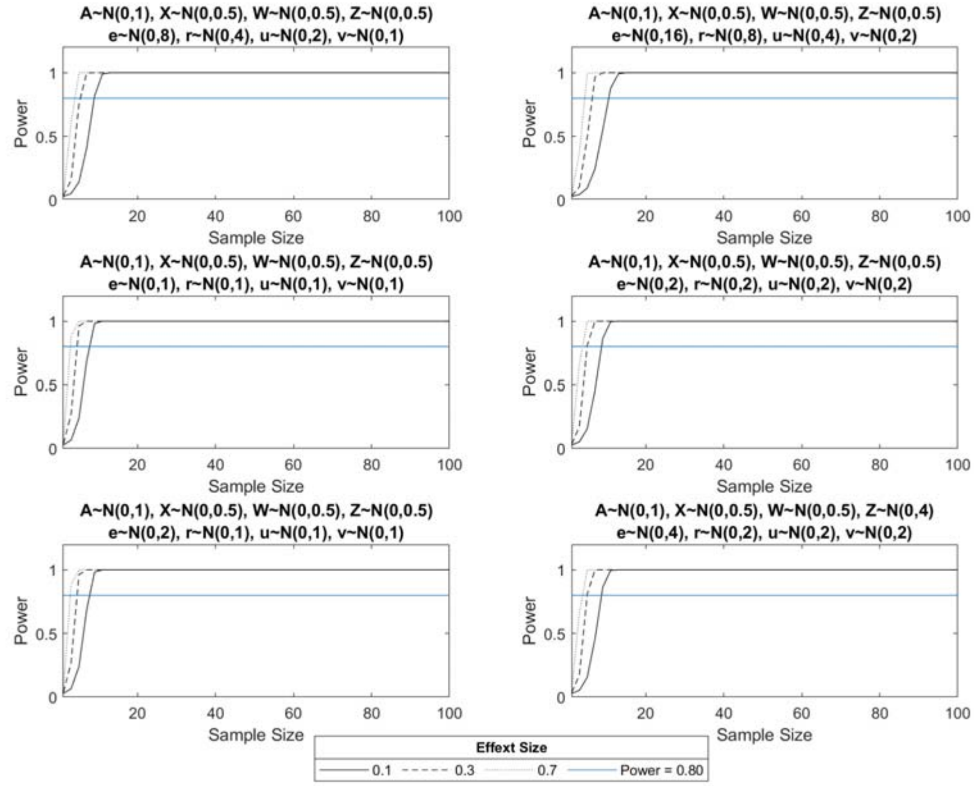

Figure 25. Level-4 HLM power versus sample size plots for pure intercepts (δ_{0000},δ_{1000}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$.

effect size (0.1) and higher estimated effect sizes (0.3, 0.7) diminished as the number of levels increased.

The specific sample size recommendations to achieve at least 0.80 power for $n = g = h = f$ and the smallest sample size set (n, g, h, f) for each predictor and error distribution are outlined in Table 13. The smallest sample size set refers to the set in which the smallest value for Level-1, Level-2, Level-3, or Level-4 is found that results in at least 80% power. That is, numbers within the (n, g, h, f) set are interchangeable between levels and are conventionally listed smallest to largest. For comparison, this research associates the first number, n, with Level-1, the second number, g, with Level-2, the third number, h, with Level-3, and the fourth number, f, with Level-4.

Comparing previous Level-2 sufficient sample sizes at each level for a minimum power of 0.80 to Level-4 sufficient sample sizes has not been done in previous studies. This research

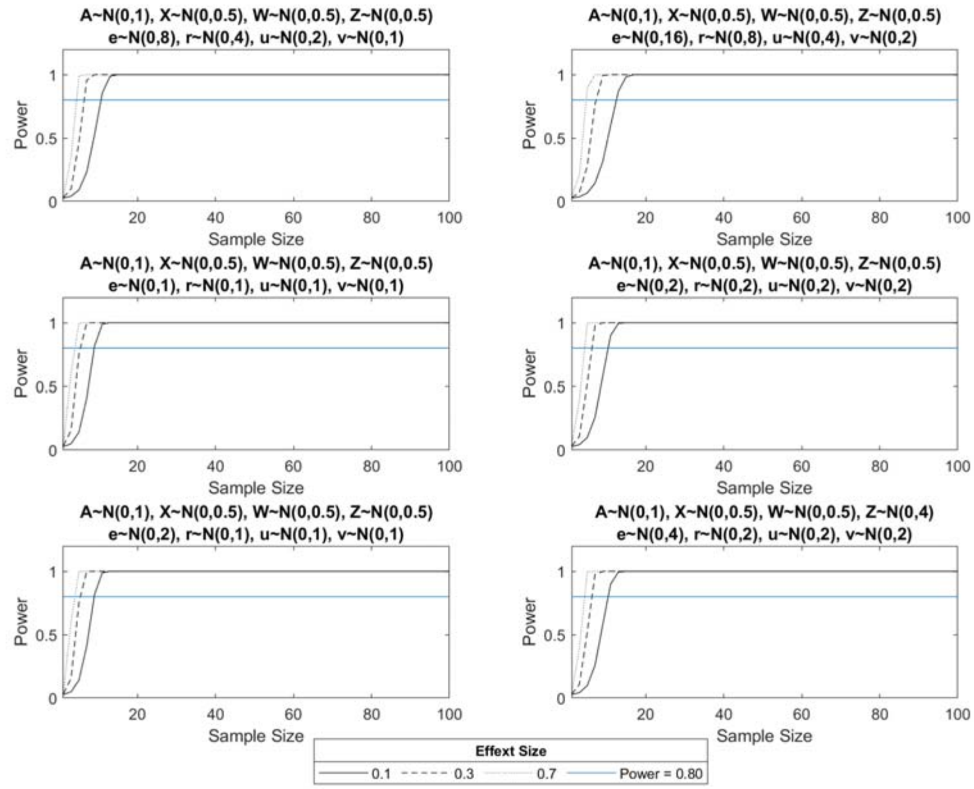

Figure 26. Level-4 HLM power versus sample size plots for lower level predictors (δ_{0100},$\delta_{0010}, \delta_{0101}, \delta_{11000}, \delta_{1010}, \delta_{1001}$) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 =$ 0.5.

extended the general rule of thumb of 30 samples at each level to the 3rd-level and 4th-level of a Level-4 HLM and in Table 13 provides the exact sample size requirements to achieve at least 0.80 power in parameter testing. For different estimated effect sizes this research found that when the predictor and error variance at Level-1, Level-2, Level-3, and Level-4 equals 1.0 ($\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = \sigma_e^2 = \sigma_r^2 = \sigma_u^2 = \sigma_v^2 = 1.0$) the assumption of 30 samples at Level-1, Level-2, Level-3, and Level-4 to achieve a minimum power of 0.80 was an overestimate because the minimum number of samples at each level was found to be 10, 6, and 5 sample sizes per level for estimated effect size 0.1, 0.3, and 0.7, respectively, much fewer than the general rule (Table 13).

Similar to Level-2 and Level-3 HLM, for all Level-4 HLM predictor and error variance scenarios, as the estimated effect size (0.1, 0.3, 07) increased the number of samples for

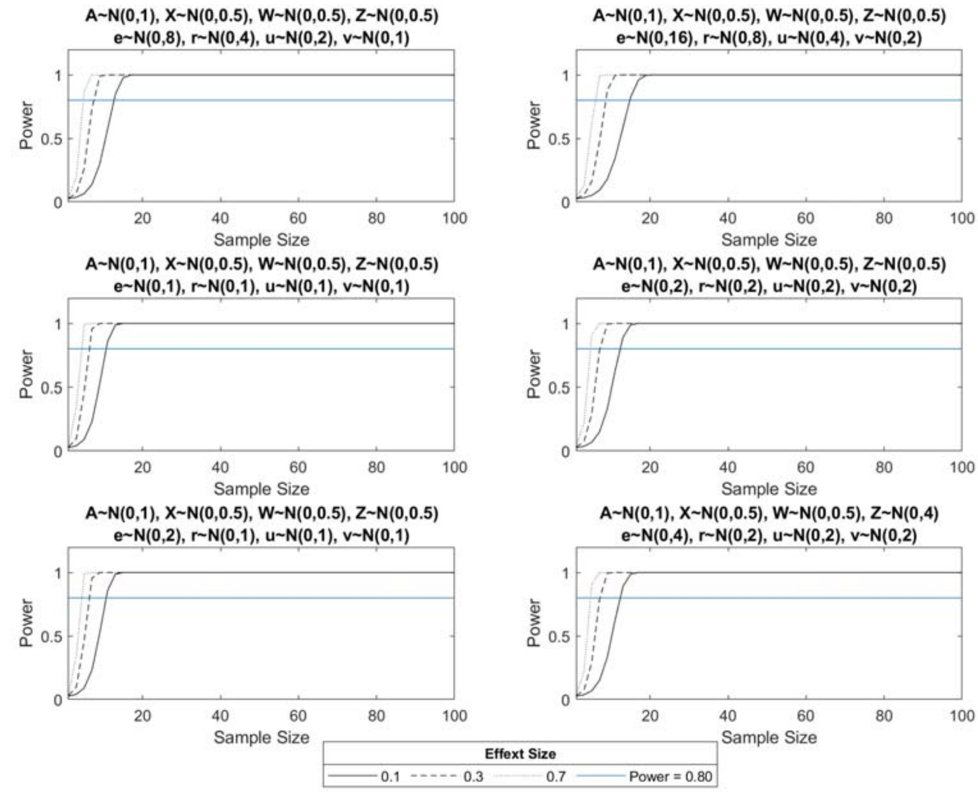

Figure 27. Level-4 HLM power versus sample size plots for higher level interactions ($\delta_{0110}, \delta_{0101}, \delta_{0011}, \delta_{1110}, \delta_{1101}, \delta_{1011}$) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 =$ 0.5.

each level to achieve a minimum power of 0.80 decreased. For example, in Table 13 and Figure 22, the Level-4 HLM intercepts ($\delta_{0000}, \delta_{0100}, \delta_{1100}, \delta_{0010}, \delta_{0110}, \delta_{1010}, \delta_{1110}$) and slopes ($\delta_{0001}, \delta_{0101}, \delta_{1001}, \delta_{1101}, \delta_{0011}, \delta_{0111}, \delta_{1011}, \delta_{1111}$) with predictor variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$, and error variances $\sigma_e^2 = 2$, $\sigma_r^2 = \sigma_u^2 = \sigma_v^2 = 1.0$ required 10, 6, and 5 samples at Level-1, Level-2, Level-3, and Level-4 when $n = g = h = f$ for estimated effect sizes 0.1, 0.3, and 0.7, respectively. In other words, estimated effect size 0.7 required 5 fewer samples per level than estimated effect size 0.1. Also, if the smallest set of (n, g, h, f) is considered, then the associated sample size sets are (3,11,17,17), (1,1,13,90), and (1,1,7,45) at Level-1, Level-2, Level-3, and Level-4 for estimated effect sizes 0.1, 0.3, and 0.7, respectively. With unequal sample sizes, estimated effect size 0.7 requires fewer overall sample sizes than estimated effect size 0.1 to achieve a minimum power of 0.80.

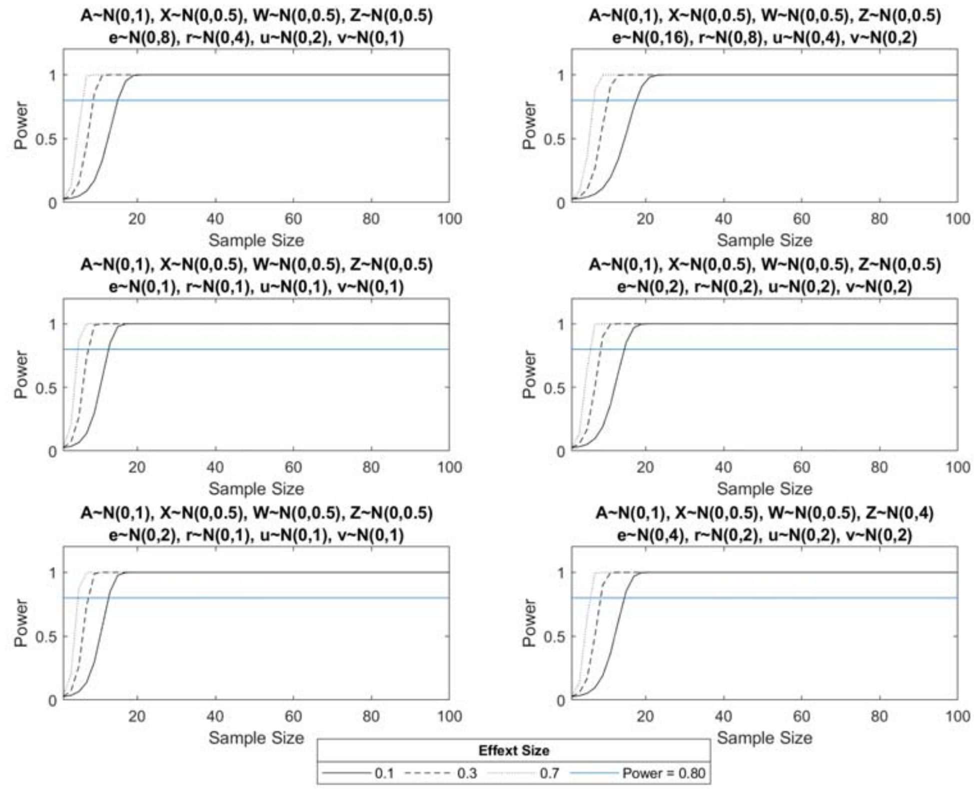

Figure 28. Level-4 HLM power versus sample size plots for large interactions (δ_{0111},δ_{1111}) with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$.

That is (n, g, h, f) requires an increase of 2 (for n), 10 (for g), 10 (for h), and 28 (for f). Notice once again, that the highest differences are in the higher levels by convention.

As the error variance values double (Table 10: Case 1 versus Case 2) for all Level-4 HLM predictor and error variance scenarios, the sample sizes needed per level increased to achieve a minimum power of 0.80. This is demonstrated in Figures 22 to 28 when comparing the left-hand side to the right-hand side. For example, for the Level-4 HLM large interactions $(\delta_{0111}, \delta_{1111})$ with predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$, when the error variance increases from $\sigma_e^2 = 2.0$, $\sigma_r^2 = \sigma_u^2 = \sigma_v^2 = 1.0$ to $\sigma_e^2 = 4.0$, $\sigma_r^2 = \sigma_u^2 = \sigma_v^2 = 2.0$ the number of samples at Level-1, Level-2, Level-3, and Level-4 when $n = g = h = f$ requires 3, 2, and 0 more samples per a level for estimated effect sizes 0.1, 0.3, and 0.7, respectively, to achieve a minimum power of 0.80 (Table 5 and Figure 28).

As the error variance at Level-1, σ_e^2, increased, for all Level-4 HLM predictor variances

considered, the sample sizes required to achieve a minimum power of 0.80 stayed the same or increased by 1 sample size per a level for the estimated effect sizes considered (Table 10 and Figures 22 to 28). For example, consider the Level-4 HLM large interactions $(\delta_{0111}, \delta_{1111})$ with predictor variances $\sigma^2_A = 1.0$ and $\sigma^2_X = \sigma^2_W = \sigma^2_Z = 0.5$, and error variances $\sigma^2_r = \sigma^2_u = \sigma^2_v = 1.0$. When the Level-1 error variance doubles from $\sigma^2_e = 1.0$ to $\sigma^2_e = 2.0$ the number of samples at Level-1, Level-2, Level-3, and Level-4 when $n = g = h = f$ required no sample size change per a level for estimated effect sizes 0.1, 0.3, and 0.7, respectively, to achieve minimum power of 0.80. Though, the smallest set (n, g, h, f) requires a difference of (0,10,10,8), (0,0,0,10), and (0,0,2,0) for estimated effect sizes 0.1, 0.3, and 0.7, respectively. This implies that even though the number of sample sizes per a level vary, the sample sizes required per a level do not change due to rounding (Table 10 and Figure 28).

As the predictor variance at Level-1, σ^2_A, decreases from 1.0 to 0.5, the sample sizes required stay the same or minimally increases for all estimated effect sizes for the intercepts and slopes $(\delta_{0000}, \delta_{0100}, \delta_{0010}, \delta_{0110}, \delta_{0001}, \delta_{0101}, \delta_{0011}, \delta_{0111})$ of the Level-3 slope parameter equations and stays the same or minimally decreases for all estimated effect sizes for intercepts and slopes $(\delta_{1000}, \delta_{1100}, \delta_{1010}, \delta_{1110}, \delta_{1001}, \delta_{1101}, \delta_{1011}, \delta_{1111})$ of the Level-3 intercept equations (Table 10 and Figures 23 to 24). For example, for the Level-4 HLM intercepts and slopes with predictor variances $\sigma^2_A = \sigma^2_X = \sigma^2_W = \sigma^2_Z = 1.0$, and error variances $\sigma^2_e = 1.0 = \sigma^2_r = \sigma^2_u = \sigma^2_v = 1.0$, compared to Level-1 predictor variance $\sigma^2_A = 0.5$ for the intercepts and slopes of the Level-3 slope parameter equations, the number of samples at Level-1, Level-2, and Level-3 for equal sample sizes $(n = g = h = f)$ required an increase of 1, 1, and 0 samples per level for estimated effect sizes 0.1, 0.3, and 0.7, respectively (Table 10, and Figure 22 and 24). Whereas, to achieve a minimum power of 0.80 when predictor variances $\sigma^2_A = \sigma^2_X = \sigma^2_W = \sigma^2_Z = 1.0$ and error variances $\sigma^2_e = \sigma^2_r = \sigma^2_u = \sigma^2_v = 1.0$ compared to Level-1 predictor variance $\sigma^2_A = 0.5$ for the intercepts and slopes of the Level-3 intercept parameter equations, the number of required samples at Level-1, Level-2, Level-3, and Level-4 for equal sample sizes $(n = g = h = f)$

requires 1, 0, 1 fewer sample sizes per level effect 0.1, 0.3, and 0.7, respectively (Table 10, and Figure 22 and 23).

As the predictor variance at Level-2, Level-3, and Level-4, X_{ijkl}, W_{ijkl} and Z_{ijkl}, decreased from 1.0 to 0.5, the sample sizes required per level generally stayed the same or increased for all estimated effect sizes for large lower level predictors ($\delta_{0100}, \delta_{0010}, \delta_{0001}, \delta_{1100}, \delta_{1010}, \delta_{1001}$), higher level interactions (δ_{0110}, δ_{0101}, δ_{0011}, δ_{1110}, δ_{1101},δ_{1011}), and large interactions ($\delta_{0111}, \delta_{1111}$) (Table 10 and Figures 26 to 28) and stayed the same or decreased for pure intercepts ($\delta_{0000}, \delta_{1000}$). For example, for the Level-4 HLM intercepts and slopes with predictor variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 1.0$ and error variances $\sigma_e^2 = \sigma_r^2 = \sigma_u^2 = \sigma_v^2 = 1.0$, compared to large interactions with predictor variances $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$, the number of samples at Level-1, Level-2, Level-3, and Level-4 when $n = g = h = f$ required 5, 3, and 1 more samples per a level for effects sizes 0.1, 0.3, and 0.7, respectively (Table 10 and Figures 22 to 28). Whereas, when the same scenario was compared to pure intercepts with predictor variances $\sigma_X^2 = \sigma_W^2 = \sigma_Z^2 = 0.5$, the number of samples at Level-1, Level-2, Level-3, and Level-4 when $n = g = h = f$ required 1, 1, and 1 fewer samples per a level for effects sizes 0.1, 0.3, and 0.7, respectively (Table 10 and Figures 22 to 28).

In general, Level-4 HLM sample size criteria assumptions are similar to Level-2 and Level-3 conclusions. For a Level-4 HLM to achieve sufficient power of 0.80 for different estimated effect sizes this research found that:

- The general rule of thumb was an over estimate for the Level-4 HLM sample size requirements. 30 samples at Level-1 and Level-2 did not extend to Level-4. Low estimated effect sizes (e.g., 0.1) required 10 sample sizes at each level and higher estimated effect sizes (0.3 and 0.7), required 6 and 5 sample sizes at each level, respectively.

- As the estimated effect size (0.1, 0.3, 07) increased for all Level-4 parameters (δ_{0000},δ_{0100},δ_{1000},δ_{1100},δ_{0010},δ_{0110},δ_{1010},δ_{1110},δ_{0001},δ_{0101},δ_{1001},δ_{1101},δ_{0011},δ_{0111},δ_{1011},δ_{1111})

the number of samples required per level decreased.

- When error variance $(\sigma_e^2, \sigma_r^2, \sigma_u^2, \sigma_v^2)$ values double (Figures 22 to 28 right-hand side compared to left-hand-side) for all Level-4 parameters the sample sizes needed per level increased.

- When the error variance at Level-1, σ_e^2, increased, the sample sizes required do not change for all estimated effect sizes.

- As the predictor variance at Level-1, σ_A^2, decreases from 1.0 to 0.5, the sample sizes required generally did not change or minimally increases for intercepts and slopes of the Level-3 slope parameter equations, and did not change or minimally decreased for intercepts and slopes of the Level-3 intercept parameter equations.

- When the predictor variances at Level-2, Level-3, and Level-4, σ_X^2, σ_W^2, and σ_Z^2, decreases from 1.0 to 0.5, the sample sizes required per level generally increases for lower level predictors, higher level predictors, and large interactions, while minimally decreasing for pure intercepts.

For this Level-4 HLM simulation, all sample size tables for every combinations within the simulation is provided in Appendix B.4.

Summary.

The associated level error variances were chosen based on realistic operational distributions where the variability of individuals at Level-1 is greater than or equal to the variability of groups, units, and organizations at higher levels (Level-2, Level-3, and Level-4, respectively). The error variance assumptions and variance terms were chosen similar to literature of Level-2 HLM analysis such that the ICC values were generally moderate and largest at the lowest level. In general, for the five simulation scenarios outlined for the Level-2, Level-3, and Level-4 HLMs, this research found the increases and decreases in sample sizes required per level of Level-2, Level-3 and Level-4 to be similar to achieve a minimum power of 0.80.

For the Level-2 general rule of thumb, 30 sample sizes per Level-1 and Level-2 to achieve sufficient power was not met for estimated effect size 0.1, but for higher estimated effect sizes (0.3 and 0.7) when 30 sample sizes per level was considered, the minimum samples required at each level was almost half (17 sample sizes per level). When the rule of thumb was extended to Level-3 and Level-4 the samples per level to achieve minimum sufficient power of 0.80 was an overestimate for all estimated effect sizes considered (0.1, 0.3, and 0.7). Therefore, for the scenarios considered, the general rule of thumb is an overestimate for the larger estimated effect sizes considered (0.3 and 0.7) and should not be extended to higher levels of HLM analysis.

As the estimated effect sizes increased, from 0.1 to 0.7, for all predictor and error variance scenarios considered, the number of sample sizes required per each level decreased to achieve minimum power of 0.80 for the Level-2, Level-3, and Level-4 HLMs. When error variances for all levels of the Level-2, Level-3 and Level-4 HLMs were doubled, the sample sizes needed per level to achieve minimum power of 0.80 increased. Previous literature did not increase the error variance terms, rather for Level-2 HLM analysis, literature kept Level-1 error variance consistent, $\sigma_e^2 = 1.0$ and changed σ_r^2 based on the assumed ICC values. As stated previously, this research used the error variance information rather than the ICC values because information about the ICC values would not be known, but information about the error variances for each level could be.

When the error variance at Level-1, σ_e^2, increased, the sample sizes required to achieve minimum power of 0.80 in general increased. Therefore, if the only difference between two organizations is the individual or analyst (e.g., Level-1), then a novice analysts' contributions to the organization (Level-4) can impact power and sample sizes needed to achieve a minimim power of 0.80.

Similarly, if the predictor variance at Level-1, σ_A^2, decreases from 1.0 to 0.5, the sample sizes required per level to achieve a minimum power of 0.80 did not change or minimally increased for the previous level slope parameter equations (i.e., for Level-4 HLM analysis, the Level-3 slope parameter equations) and did not change or minimally decreased for the

previous level intercept parameter equations (i.e., for Level-4 HLM analysis, the Level-3 intercept parameter equations). That is as the variability of the work or tasking distribution decreased at Level-1, the samples required to assess the HLM increased for slope parameters and decreased for intercept parameters. As the predictor variances decreases from 1.0 to 0.5 for higher levels, $\sigma_X^2, \sigma_W^2, \sigma_Z^2$, the sample sizes required per level to achieve a minimum power of 0.80 depended on the parameters of interest. As the variability of the work or tasking distributions decreased for Level-2, Level-3, and Level-4 HLMs the number of sample sizes required per level was important when sample sizes are an issue.

Thus, the number of sample sizes required to achieve minimum power of 0.80 changes based estimated effect size, and predictor and error variability assumption. If the number of required sample sizes per level increased, this might not always be achievable due to population limitations, cost, and analyst accessability. Therefore, sample size re-sampling techniques are considered to achieve minimum sufficient power of 0.80 in Research Objective 2 for such cases.

IV. Research Objective 2: Re-Sampling Small Sample Size Based Method

4.1 Re-Sampling Hierarchical Linear Model (HLM) Recommendations for the Effects on Parameter Estimation with Insufficient Power in Level-2 and Level-3 HLM

To achieve the goal of Research Objective 2, the power results and procedures of Research Objective 1 for Level-2 and Level-3 HLMs are applied to operationally realistic small sample size combinations for estimation and detailed in Table 14. The small sample size combinations considered reflect achievable samples per each level based on cost and prior access to small operational populations. However, these sample sizes generally did not achieve sufficient power for specific scenarios even for high effect sizes. Using the combined Level-2 and Level-3 HLM measurement models specified in Chapter 2, and the five simulation conditions outlined in Chapter 3, these associated parameters of the HLM measurement models that did not achieve a minimum power of 80% were re-sampled to larger sample sizes. For a Level-2 HLM, the extended sample sizes considered at both Level-1 and Level-2 were 30, 50, 100, 200, and 500. For a Level-3 HLM, the extended sample sizes considered at both Level-1, Level-2, and Level-3 were 30, 50, 100 and 200 (for effect size 0.3 and 0.7 only). Assessment and re-sampling method recommendations are provided for the effects on parameter estimation, parameter bias, and power in the subsection Re-Sampling HLM Recommendations.

In general, the re-sampling procedure proceeded as follows. For each sample size considered in Table 14 that did not meet minimum sufficient power of 0.80, a random draw was generated for each scenario as given in Chapter III (i.e., $\sigma_A^2 = \sigma_X^2 = \sigma_e^2 = \sigma_r^2 = 1.0$ is a scenario). These observed data for the random draw were used to estimate predictor $(A_{ijk}, X_{ijk}, W_{ijkl})$ and error $(e_{ijk}, r_{ijkl}, u_{ijk})$ distributions. Then from these estimated distributions, samples of size 30, 50, 100, and 200 were drawn and REML used to estimate the HLM. This process was repeated 1,000 times and the accuracy of the parameter

estimated as well as power to detect if the estimates significantly differ from zero was calculated across the 1,000 replicates. Specific details are provided in subsequent sections for the Level-2 and Level-3 HLM.

Table 14. Level-2 and Level-3 HLM small sample size combinations considered by level for larger sample size re-sampling

	HLM Level		
	Level-1	Level-2	Level-3
Level-2	10	5	
	15	5	
	20	5	
	15	10	
	20	10	
	25	10	
	20	15	
	25	15	
Level-3	10	5	3
	15	5	3
	20	5	3
	15	10	5
	20	10	5
	25	10	5
	20	15	5
	25	15	10

Parameter Accuracy.

Parameter accuracy is determined using bias. If a parameter has zero bias, then it is called unbiased and there is no difference between the parameter's expected value ($\hat{\mu}$) and the true value being estimated (μ). The expected bias of a parameter decreases with larger sample sizes. The accuracy of the parameter estimates is indicated by the absolute relative bias. Since $\hat{\mu}$ is the estimate of the population parameter μ, the absolute relative bias is

$$\left|\frac{\hat{\mu} - \mu}{\mu}\right|. \tag{31}$$

That is, the absolute relative bias for the Level-2 parameters is

$$\left|\frac{\hat{\beta}_{ij} - \beta_{ij}}{\beta_{ij}}\right|, \tag{32}$$

and the absolute relative bias for the Level-3 parameters is

$$\left|\frac{\hat{\gamma}_{ijk} - \gamma_{ijk}}{\gamma_{ijk}}\right|. \tag{33}$$

Simulation Run Time.

Recall to examine the effects of re-sampling on parameter estimation and model specification for each of the HLM levels considered (Level-2 and Level-3), 1000 Monte Carlo simulation were conducted using the multilevel Matlab toolbox, linear mixed-effects model (lme), to estimate the parameters and generate the simulated data [29]. The coefficients were estimated using the Maximum Likelihood function REML within Matlab.

The computation time to complete each iteration exponentially increased by level and re-sampled sample sizes considered as shown in Table 15. For example, to re-sample each level of a Level-2 HLM small sample combinations to a sample size of 30 ($N = 30$ individuals x 30 groups = 900) takes 56,000 seconds to complete 1,000 Monte Carlo iterations across all scenarios for each small sample size combination that did not have a minimum sufficient power of 0.80. Whereas, to re-sample each level of a Level-3 HLM small sample combinations to a sample size of 30 ($N = 30$ individuals x 30 groups x 30 units = 27,000) takes 672,000 seconds to complete 1,000 Monte Carlo iterations across all scenarios for each small sample size combination that did not have a minimum sufficient power of 0.80.

Table 15. Small sub sample re-sampled to larger sample sizes run times by level in seconds (sec).

Level	Re-Sampled Sizes per level	Run Time sec	Number of Runs	Total Time (sec) x Number of Monte Carlo runs
Level-2	30	0.25	224	56,000
	50	0.50	224	112,000
	100	0.50	224	112,000
	200	30.00	224	6,720,000
	500	180.00	224	40,320,000
Level-3	30	3.00	236	672,000
	50	5.00	236	1,180,000
	100	30.00	236	7,080,000
	200	228.00	92	20,976,000
	500	3,342	92	307,464,000
Level-4	30	1,150	200	230,000
	50	1,800	200	360,000
	100	N/A	1	run did not compile

Level-2 Re-Sample Based HLM Recommendations.

For the Level-2 HLM the scenario conditions considered were: small sample sizes at each level (8 total as shown in Figure 14), effect size (0.1, 0.3, 0.7), Level-1 initial variance ($\sigma_e^2 = 1.0, 2.0$), error term distributions by level (2 cases as shown in Table 2), and predictor distributions by level (3 cases as shown in Table 3). Of the 8 x 3 x 2 x 2 x 3 = 288 scenarios considered, 224 scenarios did not reach a minimum power of 0.80 from the previous chapter results (Appendix B.1). Thus, these 224 scenarios were extended to the larger sample sizes 30, 50, 100, 200, and 500 for each level as described. The specific conditions are listed in Table 16. As previously described for each scenario, 1000 Monte Carlo simulations were performed and the associated average power (Tables 17 to 19 and Figure 29 to 32) and average relative bias (Tables 20 to 22 and Figure 33 to 36) were reported.

Table 16. Level-2 small sample sizes by level that did not have a minimum power of 0.80.

	Sample Size By Level			Predictor Distributions		Error Variance Distributions	
	Level-1 n	Level-2 g	Effect Size	Level-1 $N(0,\sigma_A^2)$ σ_A^2	Level-2 $N(0,\sigma_X^2)$ σ_X^2	Level-1 $N(0,\sigma_e^2)$ σ_e^2	Level-2 $N(0,\sigma_r^2)$ σ_r^2
1	10	5	0.1	1	1	2	1
2	15	5	0.1	1	1	2	1
3	15	10	0.1	1	1	2	1
4	20	5	0.1	1	1	2	1
5	20	10	0.1	1	1	2	1
6	20	15	0.1	1	1	2	1
7	25	10	0.1	1	1	2	1
8	25	15	0.1	1	1	2	1
9	10	5	0.1	1	1	4	2
10	15	5	0.1	1	1	4	2
11	15	10	0.1	1	1	4	2
12	20	5	0.1	1	1	4	2
13	20	10	0.1	1	1	4	2
14	20	15	0.1	1	1	4	2
15	25	10	0.1	1	1	4	2
16	25	15	0.1	1	1	4	2
17	10	5	0.3	1	1	2	1
18	15	5	0.3	1	1	2	1
19	15	10	0.3	1	1	2	1
20	20	5	0.3	1	1	2	1
21	20	10	0.3	1	1	2	1
22	20	15	0.3	1	1	2	1
23	25	10	0.3	1	1	2	1
24	10	5	0.3	1	1	4	2
25	15	5	0.3	1	1	4	2
26	15	10	0.3	1	1	4	2
27	20	5	0.3	1	1	4	2
28	20	10	0.3	1	1	4	2
29	20	15	0.3	1	1	4	2
30	25	10	0.3	1	1	4	2
31	25	15	0.3	1	1	4	2
32	10	5	0.7	1	1	2	1
33	10	5	0.7	1	1	4	2
34	15	5	0.7	1	1	4	2
35	20	5	0.7	1	1	4	2
36	10	5	0.1	1	1	1	1
37	15	5	0.1	1	1	1	1
38	15	10	0.1	1	1	1	1
39	20	5	0.1	1	1	1	1
40	20	10	0.1	1	1	1	1
41	20	15	0.1	1	1	1	1
42	25	10	0.1	1	1	1	1
43	25	15	0.1	1	1	1	1
44	10	5	0.1	1	1	2	2
45	15	5	0.1	1	1	2	2
46	15	10	0.1	1	1	2	2
47	20	5	0.1	1	1	2	2
48	20	10	0.1	1	1	2	2
49	20	15	0.1	1	1	2	2
50	25	10	0.1	1	1	2	2
51	25	15	0.1	1	1	2	2
52	10	5	0.3	1	1	1	1
53	15	5	0.3	1	1	1	1
54	15	10	0.3	1	1	1	1
55	20	5	0.3	1	1	1	1
56	20	10	0.3	1	1	1	1
57	25	10	0.3	1	1	1	1
58	10	5	0.3	1	1	2	2
59	15	5	0.3	1	1	2	2
60	15	10	0.3	1	1	2	2
61	20	5	0.3	1	1	2	2
62	20	10	0.3	1	1	2	2
63	20	15	0.3	1	1	2	2
64	25	10	0.3	1	1	2	2
65	25	15	0.3	1	1	2	2
66	10	5	0.7	1	1	2	2
67	15	5	0.7	1	1	2	2
68	10	5	0.1	0.5	1	2	1
69	15	5	0.1	0.5	1	2	1
70	15	10	0.1	0.5	1	2	1
71	20	5	0.1	0.5	1	2	1
72	20	10	0.1	0.5	1	2	1
73	20	15	0.1	0.5	1	2	1
74	25	10	0.1	0.5	1	2	1
75	25	15	0.1	0.5	1	2	1
76	10	5	0.1	0.5	1	4	2
77	15	5	0.1	0.5	1	4	2
78	15	10	0.1	0.5	1	4	2
79	20	5	0.1	0.5	1	4	2
80	20	10	0.1	0.5	1	4	2
81	20	15	0.1	0.5	1	4	2
82	25	10	0.1	0.5	1	4	2
83	25	15	0.1	0.5	1	4	2
84	10	5	0.3	0.5	1	2	1
85	15	5	0.3	0.5	1	2	1
86	15	10	0.3	0.5	1	2	1
87	20	5	0.3	0.5	1	2	1
88	20	10	0.3	0.5	1	2	1
89	20	15	0.3	0.5	1	2	1
90	25	10	0.3	0.5	1	2	1
91	25	15	0.3	0.5	1	2	1
92	10	5	0.3	0.5	1	4	2
93	15	5	0.3	0.5	1	4	2
94	15	10	0.3	0.5	1	4	2
95	20	5	0.3	0.5	1	4	2
96	20	10	0.3	0.5	1	4	2
97	20	15	0.3	0.5	1	4	2
98	25	10	0.3	0.5	1	4	2
99	25	15	0.3	0.5	1	4	2
100	10	5	0.7	0.5	1	2	1
101	15	5	0.7	0.5	1	2	1
102	20	5	0.7	0.5	1	2	1
103	10	5	0.7	0.5	1	4	2
104	15	5	0.7	0.5	1	4	2
105	15	10	0.7	0.5	1	4	2
106	20	5	0.7	0.5	1	4	2
107	20	10	0.7	0.5	1	4	2
108	10	5	0.1	0.5	1	1	1
109	15	5	0.1	0.5	1	1	1
110	15	10	0.1	0.5	1	1	1
111	20	5	0.1	0.5	1	1	1
112	20	10	0.1	0.5	1	1	1
113	20	15	0.1	0.5	1	1	1
114	25	10	0.1	0.5	1	1	1
115	25	15	0.1	0.5	1	1	1
116	10	5	0.1	0.5	1	2	2
117	15	5	0.1	0.5	1	2	2
118	15	10	0.1	0.5	1	2	2
119	20	5	0.1	0.5	1	2	2
120	20	10	0.1	0.5	1	2	2
121	20	15	0.1	0.5	1	2	2
122	25	10	0.1	0.5	1	2	2
123	25	15	0.1	0.5	1	2	2
124	10	5	0.3	0.5	1	1	1
125	15	5	0.3	0.5	1	1	1
126	15	10	0.3	0.5	1	1	1
127	20	5	0.3	0.5	1	1	1
128	20	10	0.3	0.5	1	1	1
129	20	15	0.3	0.5	1	1	1
130	25	10	0.3	0.5	1	1	1
131	25	15	0.3	0.5	1	1	1
132	10	5	0.3	0.5	1	2	2
133	15	5	0.3	0.5	1	2	2
134	15	10	0.3	0.5	1	2	2
135	20	5	0.3	0.5	1	2	2
136	20	10	0.3	0.5	1	2	2
137	20	15	0.3	0.5	1	2	2
138	25	10	0.3	0.5	1	2	2
139	25	15	0.3	0.5	1	2	2
140	10	5	0.7	0.5	1	1	1
141	15	5	0.7	0.5	1	1	1
142	10	5	0.7	0.5	1	2	2
143	15	5	0.7	0.5	1	2	2
144	15	10	0.7	0.5	1	2	2
145	20	5	0.7	0.5	1	2	2
146	10	5	0.1	1	0.5	2	1
147	15	5	0.1	1	0.5	2	1
148	15	10	0.1	1	0.5	2	1
149	20	5	0.1	1	0.5	2	1
150	20	10	0.1	1	0.5	2	1
151	20	15	0.1	1	0.5	2	1
152	25	10	0.1	1	0.5	2	1
153	25	15	0.1	1	0.5	2	1
154	10	5	0.1	1	0.5	4	2
155	15	5	0.1	1	0.5	4	2
156	15	10	0.1	1	0.5	4	2
157	20	5	0.1	1	0.5	4	2
158	20	10	0.1	1	0.5	4	2
159	20	15	0.1	1	0.5	4	2
160	25	10	0.1	1	0.5	4	2
161	25	15	0.1	1	0.5	4	2
162	10	5	0.3	1	0.5	2	1
163	15	5	0.3	1	0.5	2	1
164	15	10	0.3	1	0.5	2	1
165	20	5	0.3	1	0.5	2	1
166	20	10	0.3	1	0.5	2	1
167	20	15	0.3	1	0.5	2	1
168	25	10	0.3	1	0.5	2	1
169	25	15	0.3	1	0.5	4	2
170	10	5	0.3	1	0.5	4	2
171	15	5	0.3	1	0.5	4	2
172	15	10	0.3	1	0.5	4	2
173	20	5	0.3	1	0.5	4	2
174	20	10	0.3	1	0.5	4	2
175	20	15	0.3	1	0.5	4	2
176	25	10	0.3	1	0.5	4	2
177	25	15	0.3	1	0.5	4	2
178	10	5	0.7	1	0.5	2	1
179	15	5	0.7	1	0.5	2	1
180	20	5	0.7	1	0.5	2	1
181	10	5	0.7	1	0.5	4	2
182	15	5	0.7	1	0.5	4	2
183	15	10	0.7	1	0.5	4	2
184	20	5	0.7	1	0.5	4	2
185	20	10	0.7	1	0.5	4	2
186	25	10	0.7	1	0.5	4	2
187	10	5	0.1	1	0.5	1	1
188	15	5	0.1	1	0.5	1	1
189	15	10	0.1	1	0.5	1	1
190	20	5	0.1	1	0.5	1	1
191	20	10	0.1	1	0.5	1	1
192	20	15	0.1	1	0.5	1	1
193	25	10	0.1	1	0.5	1	1
194	25	15	0.1	1	0.5	1	1
195	10	5	0.1	1	0.5	2	2
196	15	5	0.1	1	0.5	2	2
197	15	10	0.1	1	0.5	2	2
198	20	5	0.1	1	0.5	2	2
199	20	10	0.1	1	0.5	2	2
200	20	15	0.1	1	0.5	2	2
201	25	10	0.1	1	0.5	2	2
202	25	15	0.1	1	0.5	2	2
203	10	5	0.3	1	0.5	1	1
204	15	5	0.3	1	0.5	1	1
205	15	10	0.3	1	0.5	1	1
206	20	5	0.3	1	0.5	1	1
207	20	10	0.3	1	0.5	1	1
208	20	15	0.3	1	0.5	1	1
209	25	10	0.3	1	0.5	1	1
210	25	15	0.3	1	0.5	1	1
211	10	5	0.3	1	0.5	2	2
212	15	5	0.3	1	0.5	2	2
213	15	10	0.3	1	0.5	2	2
214	20	5	0.3	1	0.5	2	2
215	20	10	0.3	1	0.5	2	2
216	20	15	0.3	1	0.5	2	2
217	25	10	0.3	1	0.5	2	2
218	25	15	0.3	1	0.5	2	2
219	10	5	0.7	1	0.5	1	1
220	15	5	0.7	1	0.5	1	1
221	10	5	0.7	1	0.5	2	2
222	15	5	0.7	1	0.5	2	2
223	15	10	0.7	1	0.5	2	2
224	20	5	0.7	1	0.5	2	2

The Level-2 intercept parameters (β_{00} Figure 29 and β_{10} Figure 30) with small sample sizes and initial error variance $\sigma_e^2 = 1.0$ that did not have a minimum sufficient power of

0.80 (Table 16), achieved sufficient power when re-sampled to 30 samples at each level for large effect size 0.7 (Tables 17 to 19 and Figure 29 and 30: left-hand side in green), and for initial error variance $\sigma_e^2 = 2.0$ less than 30 re-sampled samples at each level for effect size 0.7 (Tables 17 to 19 and Figure 29 and 30: right-hand side in green).

For medium effect size 0.3 (Figures 29 to 32: in blue), the Level-2 intercept parameters achieved minimum sufficient power of 0.80 when re-sampled to 200 samples at each level for initial error variance $\sigma_e^2 = 1.0$ (Tables 17 to 19 and Figures 29 and 30: left-hand side in blue) and 100 re-sampled samples at each level for initial error variance $\sigma_e^2 = 2.0$ (Tables 17 to 19 and Figures 29 and 30: right-hand side in blue).

The Level-2 intercept parameters with small sample sizes that did not have a minimum power of 0.80 still did not achieve minimum sufficient power for small effect size 0.1 and initial error variance $\sigma_e^2 = 1.0$ and 2.0 (Tables 17 to 19 and Figure 29 and 30: in black). When small sample sizes were re-sampled to 500 samples at each level, the maximum power for Level-2 intercept parameters was around 0.60. Similar to the Level-2 intercept parameters, the Level-2 slope parameters (β_{01} Figure 31 and β_{11} Figure 32) with small sample sizes and initial error variance $\sigma_e^2 = 1.0$ that did not have a minimum sufficient power of 0.80 (Table 16), achieved sufficient power when re-sampled to 100 samples at each level for large effect size 0.7 (Tables 17 to 19 and Figure 31 and 32: left-hand side in green). The Level-2 slope parameter re-sampled sample size per level to achieve minimum power of 0.80 was 70 sample sizes greater for each level than the Level-2 intercept parameters. For initial error variance $\sigma_e^2 = 2.0$ and predictor variances $\sigma_A^2 = \sigma_X^2 = 1.0$ and $\sigma_A^2 = 0.5, \sigma_X^2 = 1.0$, 30 re-sampled sample sizes at each level for effect size 0.7 were required for sufficient power of 0.80, and for $\sigma_A^2 = 1.0, \sigma_X^2 = 0.5$, 50 re-sampled samples at each level for effect size 0.7 (Tables 17 to 19 and Figure 31 and 32: right-hand side in green).

For medium effect size 0.3, the Level-2 slope parameters achieved minimum sufficient power of 0.80 when re-sampled to 200 sample sizes at each level for initial error variance $\sigma_e^2 = 1.0, 2.0$, and predictor variances $\sigma_A^2 = \sigma_X^2 = 1.0$ and $\sigma_A^2 = 0.5, \sigma_X^2 = 1.0$. Whereas, 500 re-sampled samples at each level were required for initial error variance $\sigma_e^2 = 1.0$ and

predictor variances $\sigma_A^2 = 1.0, \sigma_X^2 = 0.5$ to achieve sufficient power of 0.80 (Tables 17 to 19 and Figures 31 and 32: left-hand side in blue), and between 200 and 500 re-sampled samples at each level for initial error variance $\sigma_e^2 = 2.0$ (Tables 17 to 19 and Figures 31 and 32: right-hand side in blue). That is, when predictor variance at the team level (Level-2) is considered half, the number of sample sizes per level increased.

The Level-2 slope parameters with small sample sizes that did not have a minimum power of 0.80 still did not achieve minimum sufficient power for small effect size 0.1 and initial error variance $\sigma_e^2 = 1.0$ and 2.0, even when re-sampled to 500 samples at each level (Tables 17 to 19 and Figure 29 and 30: in black).

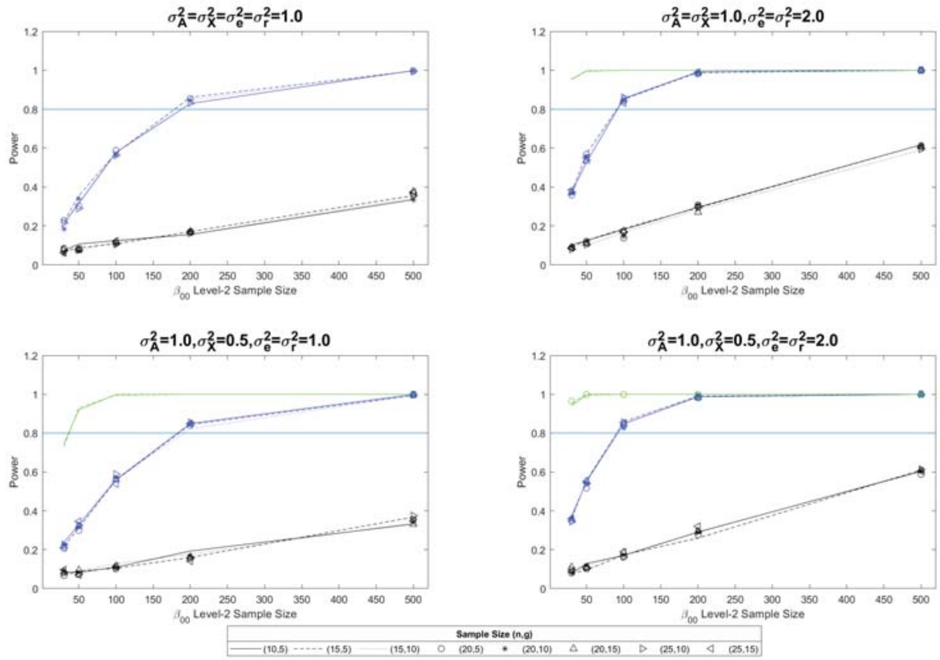

Figure 29. Level-2 β_{00} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

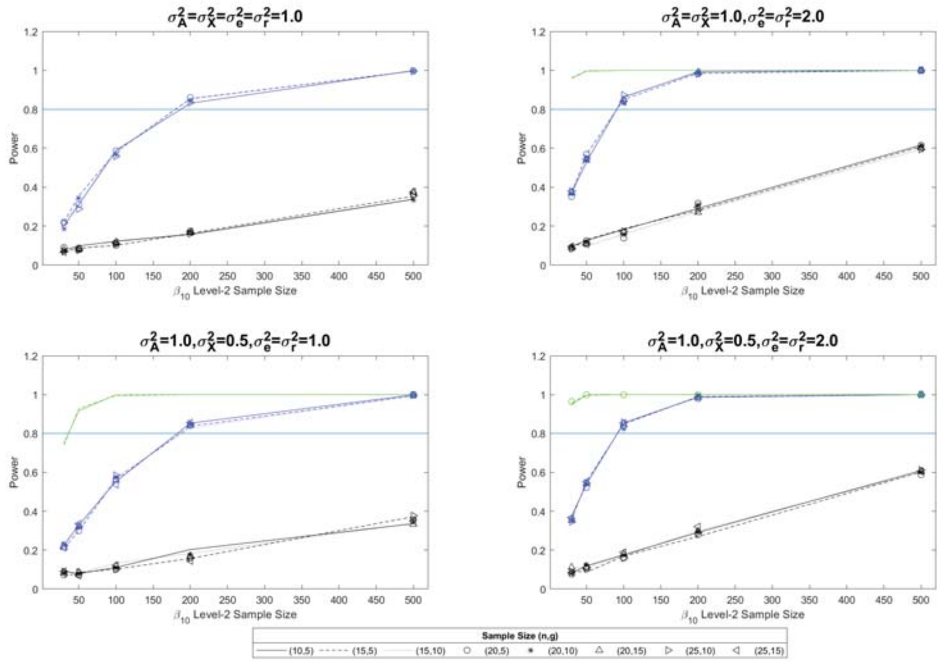

Figure 30. Level-2 β_{10} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

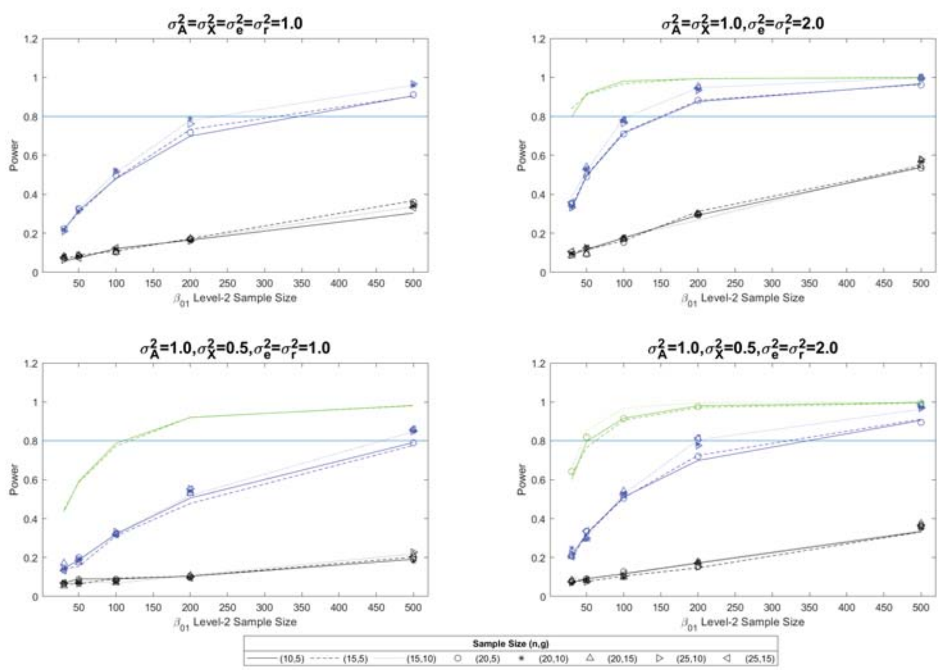

Figure 31. Level-2 β_{01} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

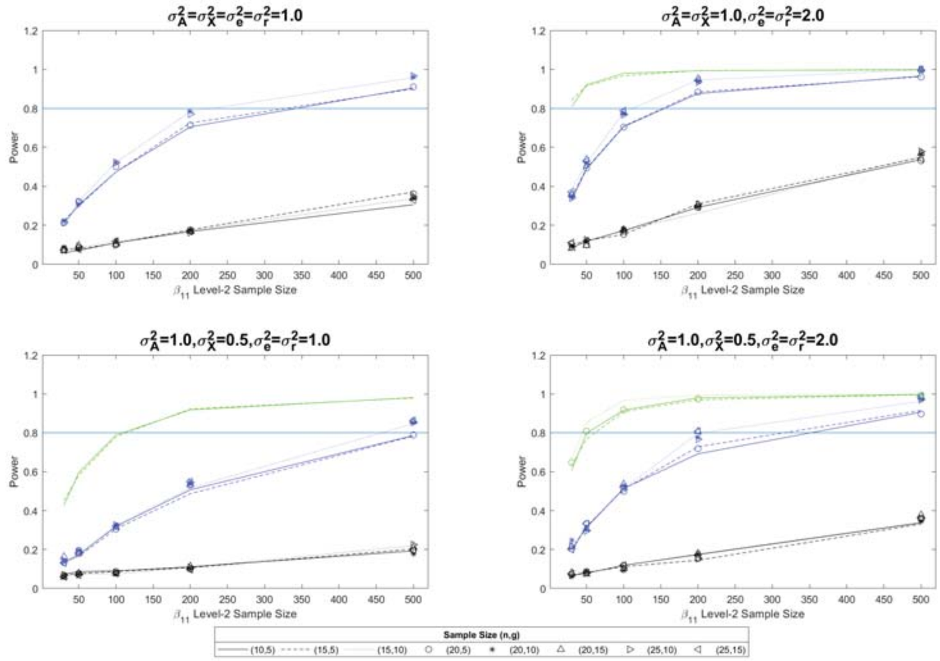

Figure 32. Level-2 β_{11} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

Table 17. Average power values for Level-2 parameters based on re-sampled sample sizes for conditions 1 - 75. Minimum power between 0.80 and 0.90 highlighted in light green and greater than 0.90 highlighted in dark green.

		β_{00}					β_{01}					β_{10}					β_{11}				
		Extrapolated Sample Size																			
Condition	Effect Size	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500
1	0.1	0.08	0.08	0.11	0.16	0.35	0.08	0.08	0.10	0.19	0.33	0.07	0.08	0.11	0.16	0.35	0.08	0.10	0.10	0.19	0.34
2	0.1	0.08	0.10	0.13	0.19	0.36	0.09	0.08	0.11	0.15	0.33	0.07	0.09	0.12	0.20	0.36	0.09	0.09	0.12	0.16	0.33
3	0.1	0.09	0.09	0.12	0.16	0.34	0.08	0.09	0.14	0.18	0.36	0.09	0.08	0.12	0.16	0.35	0.08	0.10	0.13	0.18	0.36
4	0.1	0.07	0.09	0.11	0.16	0.32	0.07	0.08	0.10	0.19	0.34	0.07	0.08	0.11	0.16	0.32	0.08	0.09	0.10	0.19	0.34
5	0.1	0.08	0.09	0.13	0.16	0.35	0.07	0.08	0.13	0.18	0.33	0.07	0.08	0.12	0.16	0.36	0.07	0.09	0.12	0.19	0.33
6	0.1	0.07	0.09	0.11	0.16	0.36	0.08	0.08	0.11	0.16	0.35	0.07	0.09	0.10	0.17	0.36	0.07	0.09	0.11	0.17	0.35
7	0.1	0.07	0.09	0.12	0.17	0.34	0.08	0.10	0.11	0.18	0.34	0.08	0.09	0.11	0.17	0.34	0.08	0.09	0.11	0.18	0.34
8	0.1	0.08	0.09	0.10	0.15	0.36	0.08	0.08	0.10	0.15	0.36	0.08	0.09	0.10	0.14	0.36	0.09	0.08	0.11	0.16	0.37
9	0.1	0.09	0.13	0.19	0.29	0.60	0.10	0.12	0.18	0.26	0.52	0.09	0.13	0.18	0.30	0.60	0.10	0.12	0.18	0.26	0.52
10	0.1	0.08	0.12	0.18	0.30	0.60	0.10	0.11	0.17	0.29	0.51	0.09	0.11	0.18	0.29	0.61	0.09	0.10	0.16	0.30	0.51
11	0.1	0.10	0.11	0.18	0.29	0.62	0.09	0.13	0.17	0.27	0.58	0.09	0.10	0.18	0.29	0.62	0.08	0.13	0.18	0.26	0.57
12	0.1	0.10	0.14	0.15	0.29	0.60	0.08	0.12	0.17	0.28	0.53	0.10	0.14	0.15	0.29	0.60	0.09	0.12	0.18	0.29	0.54
13	0.1	0.09	0.13	0.17	0.32	0.61	0.08	0.11	0.16	0.29	0.59	0.10	0.13	0.16	0.31	0.61	0.08	0.12	0.16	0.29	0.59
14	0.1	0.09	0.11	0.17	0.30	0.60	0.09	0.12	0.19	0.29	0.59	0.08	0.11	0.17	0.30	0.60	0.10	0.13	0.18	0.28	0.59
15	0.1	0.11	0.12	0.18	0.31	0.60	0.10	0.11	0.19	0.27	0.56	0.11	0.11	0.18	0.31	0.60	0.10	0.11	0.20	0.28	0.56
16	0.1	0.09	0.10	0.17	0.27	0.62	0.11	0.11	0.14	0.27	0.57	0.10	0.09	0.17	0.27	0.61	0.11	0.11	0.14	0.27	0.57
17	0.3	0.22	0.31	0.57	0.84	1.00	0.22	0.31	0.47	0.71	0.89	0.23	0.32	0.57	0.83	1.00	0.22	0.30	0.47	0.72	0.89
18	0.3	0.24	0.31	0.56	0.86	1.00	0.24	0.31	0.49	0.69	0.92	0.23	0.32	0.55	0.87	1.00	0.24	0.30	0.49	0.70	0.92
19	0.3	0.23	0.32	0.58	0.86	1.00	0.22	0.31	0.48	0.75	0.96	0.22	0.32	0.57	0.87	1.00	0.20	0.30	0.49	0.75	0.96
20	0.3	0.23	0.35	0.56	0.85	1.00	0.23	0.32	0.50	0.69	0.91	0.23	0.34	0.55	0.85	1.00	0.22	0.32	0.51	0.69	0.92
21	0.3	0.24	0.31	0.55	0.86	1.00	0.21	0.31	0.55	0.78	0.96	0.23	0.31	0.56	0.86	1.00	0.21	0.30	0.56	0.77	0.96
22	0.3	0.22	0.33	0.56	0.84	1.00	0.23	0.33	0.55	0.79	0.99	0.21	0.31	0.55	0.84	1.00	0.22	0.32	0.55	0.78	0.99
23	0.3	0.20	0.30	0.56	0.85	1.00	0.21	0.31	0.54	0.77	0.97	0.21	0.31	0.58	0.85	1.00	0.22	0.30	0.54	0.77	0.97
24	0.3	0.36	0.54	0.84	0.99	1.00	0.33	0.48	0.72	0.85	0.97	0.37	0.54	0.84	0.98	1.00	0.35	0.49	0.71	0.85	0.97
25	0.3	0.38	0.52	0.85	0.99	1.00	0.35	0.46	0.71	0.88	0.96	0.39	0.54	0.85	0.99	1.00	0.33	0.44	0.72	0.88	0.97
26	0.3	0.38	0.55	0.84	0.99	1.00	0.35	0.51	0.77	0.93	0.99	0.36	0.54	0.85	0.99	1.00	0.35	0.53	0.78	0.93	0.99
27	0.3	0.37	0.58	0.83	0.99	1.00	0.35	0.48	0.72	0.89	0.97	0.38	0.58	0.84	0.99	1.00	0.34	0.48	0.73	0.89	0.97
28	0.3	0.34	0.52	0.86	0.99	1.00	0.34	0.51	0.78	0.93	1.00	0.34	0.53	0.85	0.99	1.00	0.33	0.52	0.77	0.94	1.00
29	0.3	0.36	0.54	0.82	0.99	1.00	0.41	0.52	0.79	0.95	1.00	0.36	0.53	0.82	0.99	1.00	0.40	0.53	0.79	0.95	1.00
30	0.3	0.35	0.57	0.84	0.99	1.00	0.34	0.52	0.80	0.93	1.00	0.35	0.58	0.84	0.99	1.00	0.33	0.51	0.80	0.93	1.00
31	0.3	0.37	0.57	0.83	0.99	1.00	0.36	0.50	0.80	0.96	1.00	0.36	0.55	0.83	0.99	1.00	0.37	0.50	0.80	0.97	1.00
32	0.7	0.74	0.91	1.00	1.00	1.00	0.64	0.79	0.91	0.98	1.00	0.73	0.91	1.00	1.00	1.00	0.63	0.79	0.91	0.98	1.00
33	0.7	0.96	1.00	1.00	1.00	1.00	0.80	0.92	0.97	0.99	1.00	0.96	1.00	1.00	1.00	1.00	0.81	0.92	0.98	0.99	1.00
34	0.7	0.97	1.00	1.00	1.00	1.00	0.81	0.90	0.97	0.99	1.00	0.97	1.00	1.00	1.00	1.00	0.80	0.90	0.97	0.99	1.00
35	0.7	0.97	1.00	1.00	1.00	1.00	0.81	0.91	0.98	0.99	1.00	0.96	1.00	1.00	1.00	1.00	0.81	0.91	0.98	0.99	1.00
36	0.1	0.07	0.11	0.13	0.16	0.34	0.06	0.07	0.12	0.17	0.30	0.08	0.10	0.12	0.16	0.34	0.06	0.07	0.11	0.17	0.31
37	0.1	0.07	0.09	0.11	0.17	0.36	0.07	0.09	0.11	0.17	0.37	0.07	0.09	0.10	0.16	0.35	0.08	0.08	0.11	0.18	0.37
38	0.1	0.07	0.07	0.12	0.16	0.34	0.07	0.08	0.12	0.17	0.34	0.07	0.08	0.12	0.15	0.34	0.08	0.09	0.12	0.17	0.34
39	0.1	0.09	0.08	0.11	0.17	0.36	0.07	0.08	0.10	0.17	0.36	0.09	0.09	0.10	0.18	0.36	0.08	0.08	0.10	0.18	0.36
40	0.1	0.06	0.07	0.11	0.17	0.34	0.08	0.08	0.12	0.16	0.34	0.07	0.07	0.11	0.17	0.33	0.09	0.08	0.12	0.17	0.34
41	0.1	0.08	0.08	0.12	0.17	0.38	0.08	0.09	0.10	0.17	0.34	0.08	0.08	0.12	0.17	0.38	0.07	0.10	0.10	0.17	0.34
42	0.1	0.08	0.08	0.11	0.16	0.36	0.06	0.09	0.11	0.16	0.35	0.07	0.08	0.11	0.16	0.36	0.07	0.09	0.10	0.16	0.35
43	0.1	0.06	0.08	0.12	0.17	0.37	0.08	0.07	0.13	0.17	0.33	0.07	0.08	0.12	0.17	0.38	0.07	0.08	0.12	0.17	0.33
44	0.1	0.10	0.13	0.18	0.30	0.62	0.09	0.12	0.18	0.29	0.54	0.10	0.13	0.18	0.29	0.62	0.08	0.12	0.17	0.29	0.54
45	0.1	0.09	0.13	0.19	0.29	0.62	0.10	0.12	0.16	0.31	0.54	0.09	0.13	0.19	0.28	0.61	0.10	0.12	0.15	0.31	0.55
46	0.1	0.10	0.10	0.17	0.28	0.59	0.11	0.11	0.18	0.27	0.55	0.11	0.10	0.16	0.28	0.60	0.10	0.12	0.17	0.26	0.56
47	0.1	0.09	0.12	0.14	0.31	0.61	0.10	0.09	0.15	0.29	0.54	0.09	0.13	0.14	0.32	0.62	0.10	0.10	0.15	0.29	0.53
48	0.1	0.09	0.12	0.15	0.31	0.61	0.10	0.13	0.18	0.30	0.57	0.09	0.12	0.16	0.31	0.61	0.09	0.12	0.18	0.30	0.57
49	0.1	0.09	0.11	0.17	0.27	0.61	0.09	0.09	0.17	0.30	0.58	0.09	0.11	0.17	0.27	0.60	0.08	0.10	0.18	0.31	0.57
50	0.1	0.08	0.11	0.17	0.29	0.60	0.09	0.13	0.17	0.30	0.58	0.09	0.11	0.17	0.28	0.59	0.09	0.13	0.18	0.31	0.58
51	0.1	0.09	0.11	0.17	0.30	0.60	0.11	0.12	0.18	0.30	0.55	0.10	0.11	0.17	0.30	0.60	0.11	0.12	0.17	0.30	0.54
52	0.3	0.21	0.32	0.58	0.83	1.00	0.22	0.32	0.48	0.70	0.91	0.20	0.31	0.59	0.83	1.00	0.21	0.31	0.47	0.71	0.91
53	0.3	0.22	0.36	0.58	0.86	1.00	0.23	0.31	0.48	0.73	0.90	0.22	0.36	0.58	0.86	1.00	0.23	0.30	0.47	0.73	0.90
54	0.3	0.22	0.31	0.57	0.85	1.00	0.20	0.33	0.51	0.78	0.96	0.22	0.32	0.58	0.85	1.00	0.20	0.32	0.52	0.78	0.96
55	0.3	0.23	0.30	0.59	0.86	1.00	0.22	0.33	0.50	0.72	0.91	0.22	0.31	0.59	0.86	1.00	0.21	0.32	0.50	0.71	0.91
56	0.3	0.18	0.34	0.56	0.85	1.00	0.22	0.31	0.52	0.79	0.96	0.19	0.35	0.57	0.84	1.00	0.22	0.31	0.52	0.79	0.96
57	0.3	0.22	0.29	0.56	0.83	0.99	0.21	0.32	0.52	0.76	0.97	0.22	0.29	0.56	0.83	1.00	0.22	0.32	0.52	0.77	0.97
58	0.3	0.37	0.53	0.85	0.99	1.00	0.33	0.49	0.71	0.88	0.97	0.37	0.53	0.86	0.99	1.00	0.33	0.49	0.71	0.88	0.97
59	0.3	0.37	0.57	0.85	0.99	1.00	0.34	0.50	0.72	0.88	0.96	0.37	0.57	0.85	0.99	1.00	0.34	0.49	0.71	0.88	0.96
60	0.3	0.36	0.55	0.86	0.99	1.00	0.38	0.52	0.79	0.95	1.00	0.38	0.55	0.87	0.99	1.00	0.38	0.52	0.78	0.95	1.00
61	0.3	0.36	0.57	0.84	0.98	1.00	0.35	0.49	0.71	0.88	0.96	0.35	0.57	0.84	0.98	1.00	0.36	0.49	0.70	0.88	0.96
62	0.3	0.37	0.56	0.84	0.99	1.00	0.33	0.53	0.78	0.94	1.00	0.37	0.54	0.83	0.99	1.00	0.34	0.52	0.77	0.94	1.00
63	0.3	0.37	0.53	0.85	0.99	1.00	0.35	0.54	0.78	0.95	1.00	0.37	0.54	0.85	0.99	1.00	0.36	0.54	0.78	0.95	1.00
64	0.3	0.37	0.54	0.86	0.99	1.00	0.33	0.51	0.77	0.93	1.00	0.38	0.55	0.87	0.98	1.00	0.34	0.51	0.77	0.94	1.00
65	0.3	0.38	0.55	0.83	0.99	1.00	0.36	0.53	0.78	0.95	1.00	0.38	0.54	0.84	0.99	1.00	0.37	0.53	0.79	0.94	1.00
66	0.7	0.95	1.00	1.00	1.00	1.00	0.80	0.92	0.98	0.99	1.00	0.96	1.00	1.00	1.00	1.00	0.81	0.92	0.98	0.99	1.00
67	0.7	0.96	1.00	1.00	1.00	1.00	0.84	0.91	0.97	0.99	1.00	0.96	1.00	1.00	1.00	1.00	0.84	0.92	0.97	0.99	1.00
68	0.1	0.10	0.07	0.11	0.18	0.35	0.08	0.09	0.11	0.15	0.32	0.09	0.07	0.11	0.18	0.35	0.08	0.09	0.11	0.15	0.32
69	0.1	0.08	0.07	0.11	0.18	0.35	0.08	0.09	0.10	0.16	0.33	0.08	0.08	0.09	0.18	0.36	0.08	0.08	0.10	0.17	0.33
70	0.1	0.09	0.11	0.12	0.16	0.33	0.08	0.08	0.10	0.16	0.35	0.08	0.10	0.12	0.17	0.33	0.08	0.09	0.10	0.17	0.36
71	0.1	0.07	0.09	0.11	0.18	0.35	0.08	0.08	0.10	0.18	0.33	0.08	0.09	0.11	0.18	0.34	0.08	0.08	0.11	0.17	0.32
72	0.1	0.09	0.09	0.11	0.19	0.33	0.09	0.09	0.11	0.17	0.35	0.09	0.08	0.11	0.18	0.34	0.09	0.10	0.10	0.17	0.35
73	0.1	0.07	0.09	0.12	0.15	0.37	0.07	0.09	0.10	0.18	0.32	0.07	0.08	0.12	0.15	0.37	0.06	0.10	0.11	0.16	0.33
74	0.1	0.08	0.08	0.10	0.17	0.35	0.07	0.09	0.12	0.18	0.34	0.08	0.08	0.11	0.18	0.35	0.08	0.08	0.11	0.17	0.34
75	0.1	0.06	0.10	0.10	0.21	0.33	0.09	0.08	0.11	0.17	0.36	0.06	0.09	0.10	0.21	0.33	0.09	0.08	0.10	0.17	0.36

Table 18. Average power values for Level-2 parameters based on re-sampled sample sizes for conditions 76 - 150. Minimum power between 0.80 and 0.90 highlighted in light green and greater than 0.90 highlighted in dark green.

		β_{00}					β_{01}					β_{10}					β_{11}				
		Extrapolated Sample Size																			
Condition	Effect Size	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500
76	0.1	0.10	0.13	0.17	0.32	0.63	0.12	0.11	0.18	0.26	0.54	0.10	0.12	0.18	0.32	0.63	0.10	0.10	0.18	0.25	0.54
77	0.1	0.10	0.12	0.18	0.29	0.62	0.10	0.12	0.17	0.29	0.55	0.10	0.13	0.17	0.29	0.61	0.10	0.12	0.17	0.28	0.55
78	0.1	0.09	0.12	0.18	0.31	0.62	0.12	0.11	0.15	0.27	0.55	0.11	0.12	0.17	0.30	0.61	0.11	0.11	0.14	0.28	0.55
79	0.1	0.12	0.13	0.17	0.32	0.60	0.12	0.11	0.18	0.27	0.51	0.11	0.13	0.17	0.32	0.60	0.10	0.12	0.18	0.27	0.51
80	0.1	0.08	0.12	0.18	0.29	0.61	0.08	0.11	0.18	0.29	0.56	0.08	0.11	0.17	0.29	0.61	0.07	0.11	0.18	0.28	0.57
81	0.1	0.08	0.12	0.16	0.28	0.58	0.10	0.14	0.17	0.31	0.58	0.07	0.11	0.15	0.28	0.58	0.10	0.13	0.16	0.30	0.58
82	0.1	0.10	0.13	0.20	0.31	0.62	0.10	0.10	0.16	0.26	0.59	0.10	0.13	0.18	0.31	0.62	0.11	0.11	0.16	0.27	0.59
83	0.1	0.09	0.09	0.16	0.29	0.62	0.09	0.10	0.18	0.28	0.58	0.10	0.11	0.16	0.30	0.62	0.08	0.10	0.19	0.28	0.58
84	0.3	0.21	0.32	0.56	0.83	1.00	0.23	0.31	0.52	0.70	0.91	0.20	0.30	0.56	0.83	1.00	0.22	0.30	0.51	0.71	0.91
85	0.3	0.21	0.31	0.55	0.86	0.99	0.24	0.29	0.52	0.72	0.91	0.20	0.30	0.54	0.86	0.99	0.22	0.30	0.52	0.73	0.91
86	0.3	0.23	0.31	0.57	0.85	0.99	0.21	0.32	0.53	0.79	0.96	0.23	0.33	0.57	0.85	0.99	0.22	0.32	0.53	0.79	0.96
87	0.3	0.23	0.33	0.54	0.86	1.00	0.21	0.29	0.50	0.73	0.92	0.22	0.32	0.52	0.85	1.00	0.21	0.30	0.49	0.73	0.92
88	0.3	0.23	0.29	0.57	0.82	1.00	0.19	0.32	0.56	0.76	0.97	0.22	0.30	0.58	0.82	1.00	0.20	0.31	0.56	0.75	0.97
89	0.3	0.22	0.30	0.55	0.84	1.00	0.19	0.33	0.54	0.80	0.98	0.22	0.30	0.55	0.84	1.00	0.19	0.33	0.54	0.79	0.98
90	0.3	0.23	0.30	0.54	0.85	1.00	0.22	0.31	0.53	0.76	0.97	0.23	0.29	0.54	0.86	1.00	0.22	0.30	0.52	0.76	0.97
91	0.3	0.22	0.33	0.58	0.84	1.00	0.22	0.29	0.54	0.81	0.98	0.23	0.31	0.56	0.83	1.00	0.21	0.30	0.53	0.81	0.98
92	0.3	0.34	0.54	0.86	0.99	1.00	0.34	0.50	0.73	0.88	0.97	0.35	0.53	0.86	0.99	1.00	0.33	0.49	0.72	0.87	0.98
93	0.3	0.36	0.58	0.84	0.99	1.00	0.37	0.50	0.71	0.86	0.98	0.37	0.56	0.85	0.98	1.00	0.35	0.47	0.70	0.86	0.98
94	0.3	0.37	0.55	0.83	0.99	1.00	0.34	0.48	0.77	0.94	0.99	0.36	0.55	0.83	0.98	1.00	0.33	0.49	0.75	0.94	0.99
95	0.3	0.38	0.53	0.86	0.99	1.00	0.33	0.52	0.73	0.89	0.97	0.36	0.52	0.85	0.99	1.00	0.32	0.50	0.73	0.88	0.97
96	0.3	0.38	0.54	0.85	0.99	1.00	0.37	0.49	0.78	0.93	0.99	0.36	0.53	0.84	0.99	1.00	0.36	0.50	0.78	0.94	1.00
97	0.3	0.37	0.54	0.85	0.98	1.00	0.36	0.53	0.76	0.96	1.00	0.35	0.54	0.84	0.98	1.00	0.37	0.51	0.76	0.96	1.00
98	0.3	0.37	0.57	0.85	0.99	1.00	0.38	0.53	0.77	0.95	0.99	0.36	0.55	0.84	0.99	1.00	0.37	0.53	0.77	0.95	0.99
99	0.3	0.37	0.54	0.86	0.99	1.00	0.36	0.54	0.79	0.96	1.00	0.35	0.53	0.84	0.99	1.00	0.35	0.52	0.78	0.96	1.00
100	0.7	0.76	0.93	1.00	1.00	1.00	0.64	0.80	0.92	0.97	0.99	0.73	0.92	1.00	1.00	1.00	0.64	0.79	0.91	0.97	0.99
101	0.7	0.73	0.92	1.00	1.00	1.00	0.62	0.77	0.91	0.97	0.99	0.72	0.92	1.00	1.00	1.00	0.60	0.77	0.92	0.97	0.99
102	0.7	0.73	0.92	1.00	1.00	1.00	0.64	0.77	0.93	0.98	0.99	0.71	0.91	1.00	1.00	1.00	0.62	0.76	0.93	0.98	0.99
103	0.7	0.94	1.00	1.00	1.00	1.00	0.82	0.91	0.97	0.99	1.00	0.94	1.00	1.00	1.00	1.00	0.81	0.91	0.98	0.99	1.00
104	0.7	0.95	1.00	1.00	1.00	1.00	0.82	0.90	0.97	0.99	1.00	0.95	1.00	1.00	1.00	1.00	0.81	0.89	0.97	0.99	1.00
105	0.7	0.96	1.00	1.00	1.00	1.00	0.86	0.96	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	0.85	0.96	0.99	1.00	1.00
106	0.7	0.95	1.00	1.00	1.00	1.00	0.82	0.93	0.98	0.99	1.00	0.95	1.00	1.00	1.00	1.00	0.81	0.92	0.98	0.99	1.00
107	0.7	0.95	1.00	1.00	1.00	1.00	0.88	0.97	0.99	1.00	1.00	0.95	1.00	1.00	1.00	1.00	0.87	0.96	1.00	1.00	1.00
108	0.1	0.08	0.10	0.11	0.16	0.35	0.09	0.09	0.13	0.17	0.33	0.08	0.10	0.11	0.16	0.35	0.08	0.08	0.12	0.17	0.34
109	0.1	0.07	0.08	0.12	0.15	0.35	0.07	0.09	0.11	0.17	0.35	0.08	0.08	0.12	0.15	0.34	0.07	0.09	0.11	0.17	0.35
110	0.1	0.09	0.08	0.11	0.18	0.35	0.08	0.10	0.11	0.17	0.33	0.08	0.08	0.11	0.18	0.34	0.08	0.09	0.11	0.17	0.33
111	0.1	0.08	0.08	0.13	0.18	0.34	0.08	0.08	0.12	0.15	0.35	0.08	0.09	0.13	0.18	0.35	0.08	0.08	0.13	0.15	0.34
112	0.1	0.07	0.09	0.10	0.20	0.37	0.08	0.09	0.11	0.20	0.35	0.07	0.09	0.10	0.19	0.37	0.07	0.09	0.11	0.20	0.35
113	0.1	0.07	0.07	0.11	0.17	0.35	0.06	0.08	0.11	0.17	0.34	0.07	0.06	0.11	0.19	0.35	0.07	0.09	0.10	0.17	0.36
114	0.1	0.07	0.08	0.13	0.18	0.37	0.07	0.10	0.12	0.18	0.32	0.08	0.07	0.12	0.19	0.38	0.06	0.08	0.12	0.18	0.33
115	0.1	0.08	0.09	0.11	0.17	0.35	0.08	0.07	0.12	0.17	0.37	0.08	0.08	0.11	0.17	0.36	0.07	0.08	0.12	0.16	0.37
116	0.1	0.10	0.13	0.18	0.28	0.60	0.10	0.11	0.17	0.28	0.51	0.10	0.12	0.17	0.27	0.59	0.10	0.10	0.18	0.28	0.51
117	0.1	0.09	0.11	0.16	0.30	0.62	0.10	0.12	0.16	0.28	0.54	0.09	0.11	0.16	0.31	0.62	0.11	0.13	0.17	0.28	0.53
118	0.1	0.08	0.10	0.18	0.30	0.61	0.09	0.12	0.17	0.30	0.57	0.08	0.10	0.18	0.30	0.61	0.09	0.11	0.17	0.30	0.58
119	0.1	0.11	0.10	0.17	0.30	0.63	0.10	0.11	0.16	0.28	0.54	0.10	0.10	0.17	0.29	0.63	0.09	0.10	0.16	0.29	0.54
120	0.1	0.08	0.11	0.18	0.31	0.62	0.09	0.12	0.18	0.31	0.54	0.09	0.11	0.17	0.31	0.62	0.08	0.12	0.17	0.31	0.55
121	0.1	0.09	0.12	0.18	0.31	0.62	0.11	0.10	0.15	0.28	0.61	0.09	0.11	0.18	0.32	0.62	0.11	0.11	0.14	0.26	0.61
122	0.1	0.10	0.11	0.17	0.30	0.59	0.09	0.13	0.18	0.27	0.59	0.10	0.11	0.17	0.30	0.59	0.09	0.12	0.18	0.26	0.59
123	0.1	0.10	0.12	0.18	0.28	0.60	0.09	0.12	0.14	0.28	0.61	0.10	0.13	0.17	0.27	0.61	0.10	0.11	0.14	0.29	0.60
124	0.3	0.21	0.29	0.57	0.85	1.00	0.21	0.30	0.48	0.70	0.91	0.21	0.30	0.55	0.85	1.00	0.21	0.31	0.48	0.71	0.91
125	0.3	0.20	0.32	0.57	0.86	1.00	0.23	0.31	0.51	0.73	0.92	0.20	0.31	0.55	0.86	1.00	0.20	0.30	0.50	0.73	0.92
126	0.3	0.21	0.31	0.53	0.86	1.00	0.19	0.32	0.55	0.77	0.97	0.21	0.31	0.52	0.86	1.00	0.19	0.32	0.55	0.76	0.97
127	0.3	0.23	0.33	0.56	0.84	0.99	0.20	0.32	0.51	0.71	0.90	0.22	0.32	0.56	0.83	0.99	0.21	0.31	0.51	0.71	0.90
128	0.3	0.21	0.31	0.55	0.84	1.00	0.21	0.35	0.53	0.78	0.97	0.21	0.31	0.57	0.83	1.00	0.19	0.32	0.52	0.78	0.97
129	0.3	0.22	0.33	0.55	0.85	1.00	0.20	0.31	0.53	0.81	0.98	0.20	0.33	0.56	0.85	1.00	0.20	0.32	0.52	0.81	0.98
130	0.3	0.22	0.32	0.58	0.85	1.00	0.23	0.32	0.51	0.77	0.97	0.22	0.30	0.59	0.85	1.00	0.22	0.31	0.51	0.77	0.97
131	0.3	0.20	0.34	0.57	0.85	1.00	0.24	0.33	0.52	0.82	0.98	0.19	0.33	0.56	0.85	1.00	0.22	0.31	0.50	0.81	0.98
132	0.3	0.35	0.56	0.85	0.99	1.00	0.38	0.51	0.73	0.88	0.98	0.34	0.55	0.85	0.98	1.00	0.36	0.49	0.73	0.88	0.97
133	0.3	0.35	0.57	0.85	0.99	1.00	0.34	0.48	0.70	0.88	0.97	0.33	0.55	0.85	0.99	1.00	0.33	0.48	0.69	0.88	0.97
134	0.3	0.35	0.55	0.85	0.99	1.00	0.36	0.48	0.78	0.93	1.00	0.35	0.55	0.84	0.99	1.00	0.34	0.48	0.78	0.94	1.00
135	0.3	0.40	0.56	0.84	0.99	1.00	0.36	0.49	0.70	0.87	0.97	0.37	0.55	0.85	0.99	1.00	0.34	0.48	0.69	0.87	0.97
136	0.3	0.37	0.53	0.84	0.99	1.00	0.34	0.52	0.75	0.93	1.00	0.35	0.53	0.82	0.99	1.00	0.32	0.50	0.76	0.93	1.00
137	0.3	0.38	0.53	0.83	0.98	1.00	0.37	0.53	0.80	0.96	1.00	0.37	0.52	0.84	0.98	1.00	0.37	0.52	0.80	0.96	1.00
138	0.3	0.36	0.54	0.85	0.99	1.00	0.34	0.52	0.79	0.94	1.00	0.36	0.53	0.84	0.99	1.00	0.33	0.52	0.78	0.94	1.00
139	0.3	0.38	0.55	0.85	0.99	1.00	0.35	0.55	0.80	0.96	1.00	0.35	0.54	0.85	0.99	1.00	0.35	0.54	0.79	0.96	1.00
140	0.7	0.77	0.93	1.00	1.00	1.00	0.63	0.79	0.92	0.97	1.00	0.76	0.92	1.00	1.00	1.00	0.61	0.78	0.92	0.97	0.99
141	0.7	0.75	0.93	1.00	1.00	1.00	0.62	0.78	0.91	0.97	1.00	0.72	0.93	1.00	1.00	1.00	0.62	0.77	0.90	0.98	1.00
142	0.7	0.96	1.00	1.00	1.00	1.00	0.81	0.89	0.97	0.99	1.00	0.94	1.00	1.00	1.00	1.00	0.81	0.89	0.97	0.99	1.00
143	0.7	0.96	1.00	1.00	1.00	1.00	0.82	0.90	0.96	0.99	1.00	0.95	1.00	1.00	1.00	1.00	0.81	0.90	0.97	0.99	1.00
144	0.7	0.96	1.00	1.00	1.00	1.00	0.87	0.96	0.99	1.00	1.00	0.95	1.00	1.00	1.00	1.00	0.86	0.96	1.00	1.00	1.00
145	0.7	0.96	1.00	1.00	1.00	1.00	0.80	0.91	0.97	0.99	1.00	0.94	1.00	1.00	1.00	1.00	0.80	0.91	0.97	0.99	1.00
146	0.1	0.09	0.09	0.10	0.17	0.35	0.08	0.07	0.09	0.11	0.20	0.09	0.08	0.10	0.16	0.35	0.08	0.08	0.09	0.11	0.21
147	0.1	0.08	0.09	0.09	0.17	0.35	0.06	0.07	0.08	0.11	0.21	0.09	0.09	0.09	0.17	0.34	0.07	0.07	0.08	0.11	0.21
148	0.1	0.07	0.08	0.12	0.16	0.35	0.08	0.08	0.09	0.10	0.21	0.08	0.07	0.12	0.16	0.35	0.07	0.08	0.09	0.10	0.21
149	0.1	0.07	0.08	0.13	0.15	0.34	0.07	0.08	0.09	0.11	0.19	0.07	0.09	0.13	0.16	0.34	0.07	0.08	0.10	0.11	0.19
150	0.1	0.07	0.09	0.14	0.18	0.34	0.07	0.06	0.07	0.12	0.21	0.07	0.09	0.13	0.19	0.34	0.08	0.06	0.07	0.12	0.21

Table 19. Average power values for Level-2 parameters based on re-sampled sample sizes for conditions 151 - 224. Minimum power between 0.80 and 0.90 highlighted in light green and greater than 0.90 highlighted in dark green.

		β_{00}					β_{01}					β_{10}					β_{11}				
		Extrapolated Sample Size																			
Condition	Effect Size	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500
151	0.1	0.08	0.08	0.11	0.18	0.36	0.05	0.08	0.08	0.10	0.20	0.07	0.08	0.11	0.18	0.35	0.06	0.07	0.08	0.11	0.21
152	0.1	0.07	0.09	0.10	0.19	0.33	0.08	0.07	0.08	0.10	0.23	0.07	0.09	0.10	0.18	0.33	0.08	0.07	0.08	0.10	0.22
153	0.1	0.09	0.08	0.12	0.18	0.36	0.07	0.07	0.09	0.13	0.19	0.09	0.08	0.11	0.17	0.36	0.07	0.07	0.09	0.14	0.19
154	0.1	0.10	0.11	0.20	0.30	0.63	0.07	0.07	0.12	0.19	0.35	0.11	0.11	0.20	0.30	0.62	0.08	0.07	0.11	0.19	0.36
155	0.1	0.11	0.12	0.18	0.29	0.60	0.07	0.10	0.10	0.15	0.34	0.10	0.12	0.17	0.29	0.60	0.08	0.10	0.11	0.16	0.34
156	0.1	0.10	0.12	0.15	0.28	0.62	0.10	0.10	0.11	0.17	0.34	0.10	0.12	0.16	0.28	0.61	0.09	0.09	0.11	0.16	0.34
157	0.1	0.10	0.13	0.16	0.27	0.61	0.07	0.08	0.09	0.15	0.32	0.09	0.12	0.16	0.27	0.62	0.07	0.08	0.10	0.14	0.32
158	0.1	0.10	0.12	0.17	0.31	0.65	0.06	0.10	0.12	0.19	0.33	0.10	0.12	0.17	0.31	0.64	0.06	0.10	0.11	0.18	0.33
159	0.1	0.10	0.11	0.20	0.28	0.61	0.08	0.09	0.11	0.17	0.36	0.10	0.11	0.19	0.28	0.62	0.07	0.09	0.10	0.17	0.37
160	0.1	0.10	0.13	0.16	0.27	0.61	0.09	0.08	0.12	0.17	0.35	0.10	0.12	0.16	0.27	0.61	0.09	0.07	0.12	0.17	0.36
161	0.1	0.10	0.11	0.18	0.29	0.60	0.08	0.09	0.09	0.17	0.34	0.10	0.12	0.19	0.28	0.59	0.07	0.09	0.09	0.18	0.34
162	0.3	0.21	0.34	0.53	0.84	1.00	0.14	0.19	0.31	0.53	0.75	0.21	0.34	0.54	0.84	1.00	0.14	0.19	0.32	0.53	0.75
163	0.3	0.20	0.34	0.56	0.84	1.00	0.12	0.18	0.32	0.51	0.79	0.20	0.32	0.57	0.84	1.00	0.13	0.18	0.32	0.52	0.79
164	0.3	0.22	0.32	0.54	0.85	1.00	0.13	0.20	0.33	0.51	0.85	0.23	0.32	0.54	0.85	1.00	0.14	0.19	0.33	0.51	0.85
165	0.3	0.22	0.31	0.56	0.84	1.00	0.15	0.19	0.28	0.51	0.78	0.23	0.30	0.56	0.84	1.00	0.16	0.19	0.28	0.51	0.78
166	0.3	0.21	0.34	0.54	0.87	1.00	0.15	0.20	0.30	0.53	0.86	0.22	0.33	0.55	0.87	1.00	0.15	0.19	0.30	0.52	0.86
167	0.3	0.21	0.32	0.55	0.84	1.00	0.14	0.16	0.32	0.53	0.89	0.22	0.32	0.56	0.85	1.00	0.14	0.16	0.33	0.52	0.88
168	0.3	0.22	0.31	0.55	0.84	1.00	0.13	0.19	0.33	0.54	0.86	0.22	0.32	0.53	0.85	1.00	0.13	0.20	0.33	0.54	0.85
169	0.3	0.23	0.31	0.55	0.85	1.00	0.15	0.20	0.33	0.55	0.86	0.22	0.32	0.56	0.85	1.00	0.15	0.19	0.33	0.55	0.85
170	0.3	0.38	0.54	0.85	0.99	1.00	0.20	0.31	0.51	0.70	0.91	0.37	0.53	0.85	0.99	1.00	0.20	0.31	0.50	0.70	0.91
171	0.3	0.36	0.53	0.86	0.99	1.00	0.23	0.31	0.51	0.70	0.89	0.37	0.52	0.85	0.99	1.00	0.24	0.32	0.51	0.70	0.89
172	0.3	0.36	0.56	0.85	0.98	1.00	0.22	0.30	0.52	0.77	0.96	0.35	0.55	0.85	0.99	1.00	0.21	0.30	0.52	0.77	0.96
173	0.3	0.35	0.55	0.85	0.98	1.00	0.22	0.28	0.48	0.71	0.91	0.35	0.53	0.85	0.98	1.00	0.21	0.28	0.48	0.71	0.91
174	0.3	0.35	0.54	0.85	0.98	1.00	0.25	0.29	0.53	0.80	0.97	0.37	0.54	0.85	0.99	1.00	0.25	0.29	0.53	0.80	0.97
175	0.3	0.37	0.55	0.85	0.99	1.00	0.22	0.32	0.53	0.80	0.98	0.34	0.57	0.85	0.99	1.00	0.22	0.32	0.53	0.81	0.97
176	0.3	0.36	0.54	0.84	0.99	1.00	0.21	0.31	0.54	0.76	0.97	0.36	0.54	0.83	0.99	1.00	0.21	0.30	0.54	0.77	0.97
177	0.3	0.39	0.54	0.84	0.99	1.00	0.22	0.32	0.52	0.78	0.98	0.37	0.55	0.85	0.99	1.00	0.22	0.32	0.53	0.79	0.98
178	0.7	0.75	0.92	1.00	1.00	1.00	0.43	0.60	0.81	0.92	0.98	0.75	0.91	1.00	1.00	1.00	0.43	0.59	0.81	0.93	0.98
179	0.7	0.72	0.92	1.00	1.00	1.00	0.44	0.59	0.80	0.93	0.99	0.72	0.92	1.00	1.00	1.00	0.42	0.58	0.80	0.93	0.99
180	0.7	0.75	0.92	1.00	1.00	1.00	0.43	0.61	0.80	0.92	0.98	0.74	0.92	1.00	1.00	1.00	0.41	0.61	0.80	0.92	0.98
181	0.7	0.97	1.00	1.00	1.00	1.00	0.59	0.76	0.93	0.97	1.00	0.97	1.00	1.00	1.00	1.00	0.60	0.76	0.92	0.97	1.00
182	0.7	0.96	1.00	1.00	1.00	1.00	0.64	0.78	0.91	0.98	1.00	0.96	1.00	1.00	1.00	1.00	0.64	0.78	0.91	0.98	1.00
183	0.7	0.94	1.00	1.00	1.00	1.00	0.68	0.86	0.97	1.00	1.00	0.93	1.00	1.00	1.00	1.00	0.67	0.87	0.97	1.00	1.00
184	0.7	0.94	1.00	1.00	1.00	1.00	0.61	0.78	0.90	0.97	1.00	0.94	1.00	1.00	1.00	1.00	0.61	0.78	0.90	0.97	1.00
185	0.7	0.96	1.00	1.00	1.00	1.00	0.67	0.83	0.97	1.00	1.00	0.96	1.00	1.00	1.00	1.00	0.67	0.83	0.97	1.00	1.00
186	0.7	0.96	1.00	1.00	1.00	1.00	0.65	0.85	0.97	1.00	1.00	0.97	1.00	1.00	1.00	1.00	0.66	0.84	0.97	1.00	1.00
187	0.1	0.09	0.08	0.11	0.19	0.33	0.07	0.09	0.09	0.10	0.19	0.09	0.08	0.11	0.20	0.34	0.07	0.09	0.09	0.11	0.19
188	0.1	0.07	0.09	0.11	0.16	0.37	0.06	0.06	0.09	0.10	0.20	0.06	0.08	0.10	0.16	0.37	0.07	0.08	0.09	0.11	0.20
189	0.1	0.08	0.09	0.13	0.18	0.34	0.06	0.08	0.07	0.11	0.22	0.08	0.08	0.13	0.18	0.34	0.06	0.08	0.07	0.11	0.22
190	0.1	0.07	0.07	0.10	0.16	0.36	0.07	0.09	0.09	0.10	0.19	0.07	0.07	0.10	0.16	0.36	0.07	0.08	0.09	0.10	0.20
191	0.1	0.09	0.08	0.11	0.17	0.35	0.07	0.07	0.08	0.10	0.18	0.08	0.08	0.11	0.18	0.35	0.06	0.07	0.07	0.10	0.18
192	0.1	0.09	0.10	0.12	0.16	0.33	0.05	0.08	0.07	0.11	0.21	0.08	0.09	0.12	0.17	0.33	0.06	0.08	0.08	0.11	0.21
193	0.1	0.08	0.08	0.11	0.16	0.38	0.07	0.07	0.08	0.10	0.23	0.09	0.09	0.10	0.16	0.38	0.07	0.07	0.08	0.11	0.23
194	0.1	0.10	0.07	0.11	0.14	0.35	0.07	0.07	0.08	0.10	0.20	0.09	0.07	0.12	0.15	0.35	0.06	0.07	0.08	0.10	0.20
195	0.1	0.08	0.13	0.17	0.29	0.60	0.07	0.09	0.12	0.17	0.33	0.08	0.12	0.18	0.29	0.61	0.07	0.08	0.12	0.17	0.34
196	0.1	0.08	0.10	0.17	0.26	0.61	0.08	0.08	0.11	0.15	0.33	0.09	0.09	0.17	0.27	0.60	0.07	0.08	0.11	0.15	0.33
197	0.1	0.11	0.12	0.18	0.29	0.61	0.10	0.09	0.12	0.18	0.34	0.11	0.11	0.17	0.30	0.60	0.09	0.08	0.12	0.18	0.34
198	0.1	0.08	0.10	0.16	0.28	0.59	0.08	0.09	0.13	0.15	0.36	0.08	0.10	0.16	0.28	0.59	0.07	0.09	0.12	0.15	0.36
199	0.1	0.08	0.12	0.17	0.29	0.61	0.07	0.09	0.10	0.18	0.35	0.08	0.13	0.18	0.30	0.60	0.06	0.09	0.09	0.18	0.34
200	0.1	0.11	0.11	0.19	0.30	0.61	0.08	0.08	0.10	0.18	0.37	0.11	0.11	0.18	0.30	0.61	0.08	0.07	0.10	0.18	0.38
201	0.1	0.10	0.11	0.16	0.29	0.61	0.07	0.08	0.11	0.15	0.37	0.09	0.11	0.16	0.29	0.61	0.07	0.08	0.10	0.15	0.36
202	0.1	0.09	0.11	0.19	0.32	0.61	0.08	0.08	0.11	0.17	0.36	0.09	0.11	0.19	0.32	0.61	0.08	0.08	0.12	0.17	0.36
203	0.3	0.24	0.33	0.56	0.85	1.00	0.14	0.19	0.32	0.51	0.79	0.23	0.33	0.55	0.85	1.00	0.13	0.17	0.32	0.51	0.79
204	0.3	0.22	0.31	0.56	0.84	0.99	0.14	0.16	0.31	0.48	0.78	0.21	0.30	0.56	0.84	0.99	0.14	0.17	0.31	0.49	0.78
205	0.3	0.22	0.32	0.56	0.82	0.99	0.14	0.18	0.32	0.52	0.85	0.22	0.31	0.58	0.83	0.99	0.12	0.17	0.33	0.52	0.85
206	0.3	0.21	0.30	0.56	0.84	1.00	0.14	0.20	0.32	0.53	0.79	0.22	0.30	0.57	0.84	1.00	0.13	0.20	0.31	0.53	0.79
207	0.3	0.23	0.32	0.57	0.85	1.00	0.14	0.19	0.32	0.54	0.85	0.23	0.32	0.57	0.85	1.00	0.14	0.19	0.33	0.54	0.85
208	0.3	0.22	0.32	0.56	0.85	1.00	0.17	0.17	0.32	0.53	0.86	0.21	0.32	0.56	0.84	1.00	0.16	0.18	0.31	0.53	0.86
209	0.3	0.23	0.33	0.59	0.86	1.00	0.15	0.19	0.33	0.55	0.85	0.23	0.32	0.59	0.85	1.00	0.14	0.19	0.33	0.55	0.86
210	0.3	0.21	0.35	0.54	0.85	1.00	0.13	0.19	0.32	0.55	0.86	0.21	0.34	0.54	0.86	1.00	0.13	0.18	0.32	0.55	0.86
211	0.3	0.37	0.55	0.85	0.99	1.00	0.21	0.32	0.51	0.70	0.91	0.38	0.54	0.85	0.99	1.00	0.20	0.32	0.51	0.69	0.91
212	0.3	0.36	0.56	0.86	0.99	1.00	0.20	0.32	0.51	0.73	0.91	0.36	0.56	0.85	0.99	1.00	0.20	0.32	0.51	0.73	0.92
213	0.3	0.37	0.55	0.86	0.99	1.00	0.23	0.30	0.53	0.80	0.96	0.36	0.55	0.86	0.99	1.00	0.21	0.31	0.51	0.80	0.96
214	0.3	0.35	0.52	0.84	0.98	1.00	0.21	0.34	0.51	0.72	0.90	0.36	0.52	0.84	0.98	1.00	0.20	0.33	0.50	0.72	0.90
215	0.3	0.36	0.54	0.83	0.99	1.00	0.25	0.30	0.53	0.78	0.97	0.35	0.54	0.82	0.99	1.00	0.25	0.30	0.53	0.78	0.97
216	0.3	0.36	0.55	0.85	0.98	1.00	0.21	0.30	0.54	0.81	0.98	0.35	0.54	0.85	0.98	1.00	0.22	0.31	0.54	0.81	0.98
217	0.3	0.35	0.54	0.86	0.99	1.00	0.22	0.30	0.52	0.78	0.97	0.35	0.55	0.86	0.99	1.00	0.22	0.30	0.51	0.77	0.97
218	0.3	0.36	0.55	0.85	0.99	1.00	0.21	0.34	0.52	0.81	0.99	0.37	0.55	0.85	0.99	1.00	0.20	0.33	0.52	0.81	0.99
219	0.7	0.75	0.92	1.00	1.00	1.00	0.44	0.59	0.79	0.92	0.98	0.75	0.92	1.00	1.00	1.00	0.43	0.60	0.79	0.92	0.98
220	0.7	0.73	0.93	1.00	1.00	1.00	0.45	0.59	0.77	0.92	0.98	0.74	0.93	1.00	1.00	1.00	0.45	0.58	0.78	0.92	0.98
221	0.7	0.94	1.00	1.00	1.00	1.00	0.60	0.80	0.92	0.98	1.00	0.95	1.00	1.00	1.00	1.00	0.61	0.80	0.92	0.98	1.00
222	0.7	0.96	1.00	1.00	1.00	1.00	0.63	0.77	0.91	0.97	1.00	0.96	1.00	1.00	1.00	1.00	0.63	0.77	0.91	0.97	1.00
223	0.7	0.96	1.00	1.00	1.00	1.00	0.66	0.85	0.97	1.00	1.00	0.95	1.00	1.00	1.00	1.00	0.67	0.85	0.97	0.99	1.00
224	0.7	0.97	1.00	1.00	1.00	1.00	0.64	0.82	0.92	0.98	1.00	0.97	1.00	1.00	1.00	1.00	0.65	0.81	0.92	0.98	1.00

The accuracy of the Level-2 parameter estimates is indicated by the absolute relative bias (Tables 20 to 22 and Figures 33 to 36). As effect size increases from 0.1 to 0.7, the absolute relative bias decreases for all predictor and error variance scenarios considered. For initial error variance $\sigma_e^2 = 1.0$ the absolute relative bias (Figures 33 to 36 left-hand side) is less than initial error variance $\sigma_e^2 = 2.0$ (Figures 33 to 36: right-hand side) and most noticeable for effect size 0.7 (Figures: 33 to 36: shown in green).

Though the Level-2 parameters achieved minimum sufficient power of 0.80 with fewer re-sampled samples at each level for initial error variance $\sigma_e^2 = 2.0$ and effect size 0.3 and 0.7, the associated parameters when re-sampled to larger sample sizes had larger absolute relative bias. Whereas, initial error variance $\sigma_e^2 = 1.0$ required more samples per level, the associated parameters when re-sampled to larger sample sizes had smaller absolute relative bias overall. For example, for initial error variance $\sigma_e^2 = 1.0$, and predictor variances $\sigma_A^2 = 1.0$ and $\sigma_X^2 = 1.0$, the absolute relative bias is about 0.70 (Table: 20 line 56), whereas for initial error variance $\sigma_e^2 = 2.0$ bias is 0.85 (Table: 20 line 58). The specific overall Level-2 parameter average absolute relative bias values by condition, are provided in Tables 20 to 22. The average absolute relative bias remains fairly consistent across re-sampled sample sizes and ranges from about 0.60 to 0.95.

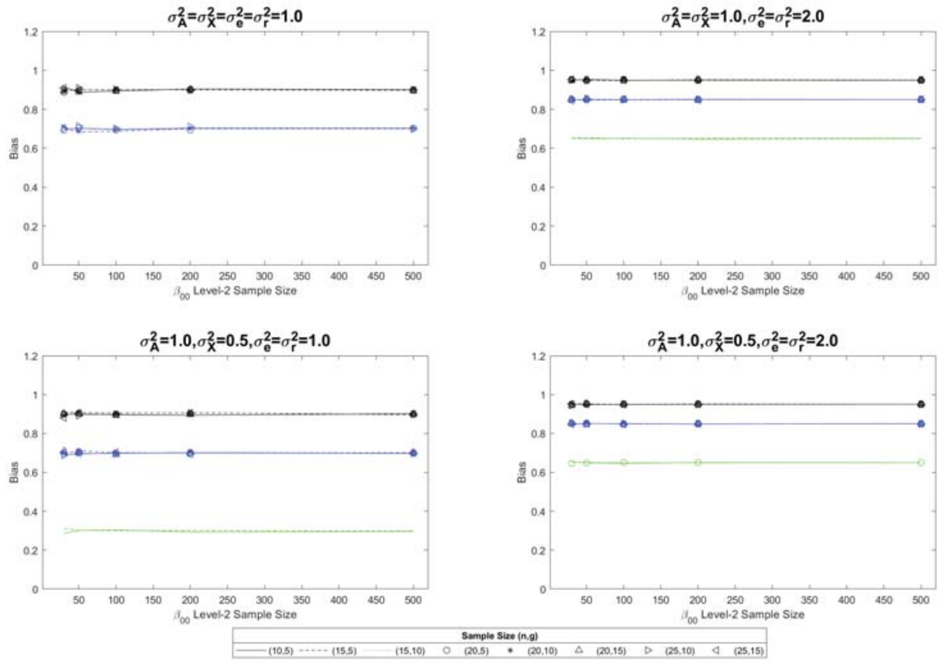

Figure 33. Level-2 β_{00} re-sampled sample size bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

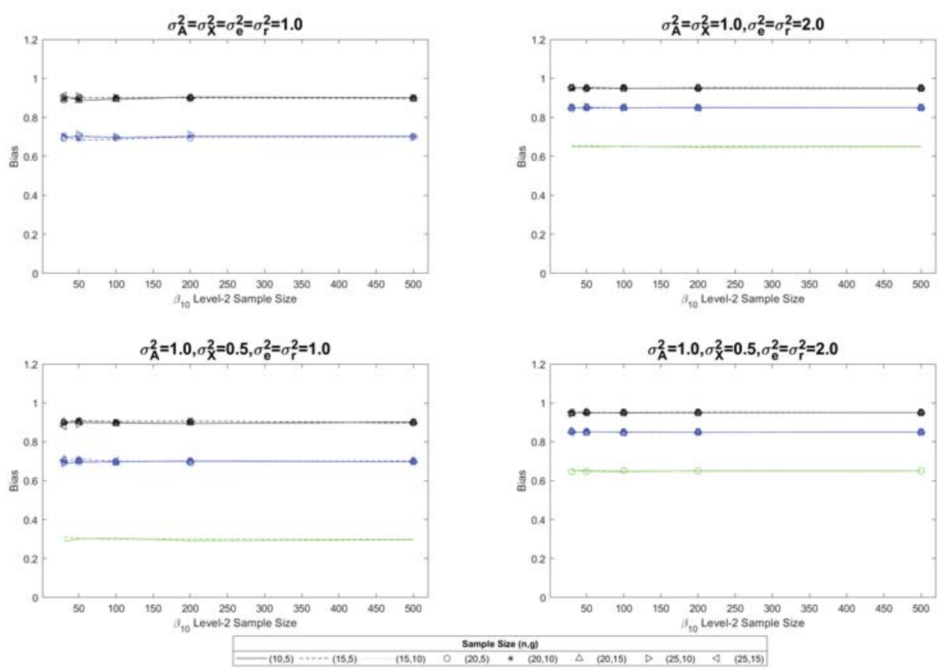

Figure 34. Level-2 β_{10} re-sampled sample size bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

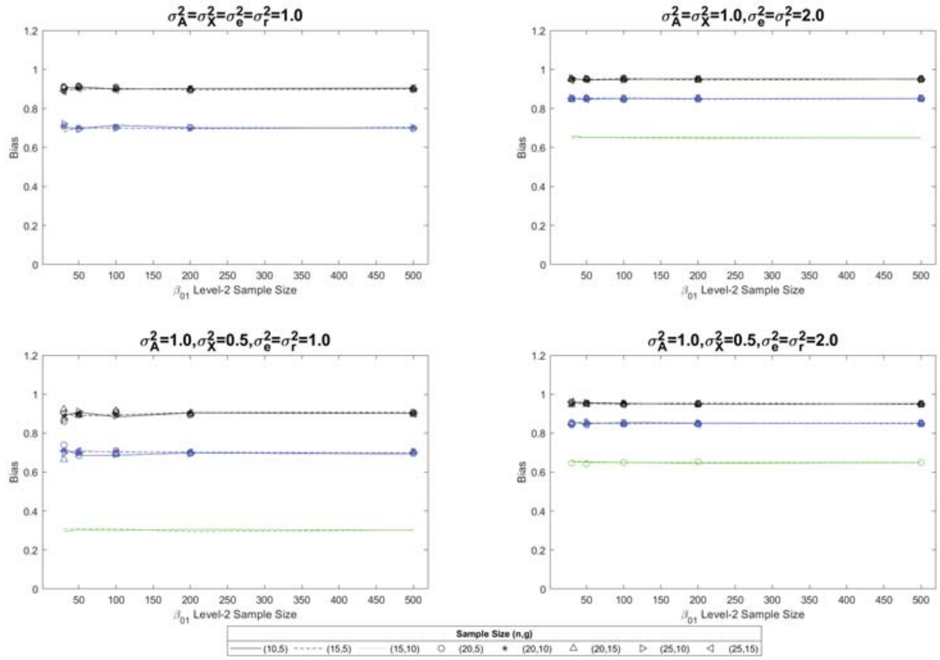

Figure 35. Level-2 β_{01} re-sampeld sample size bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

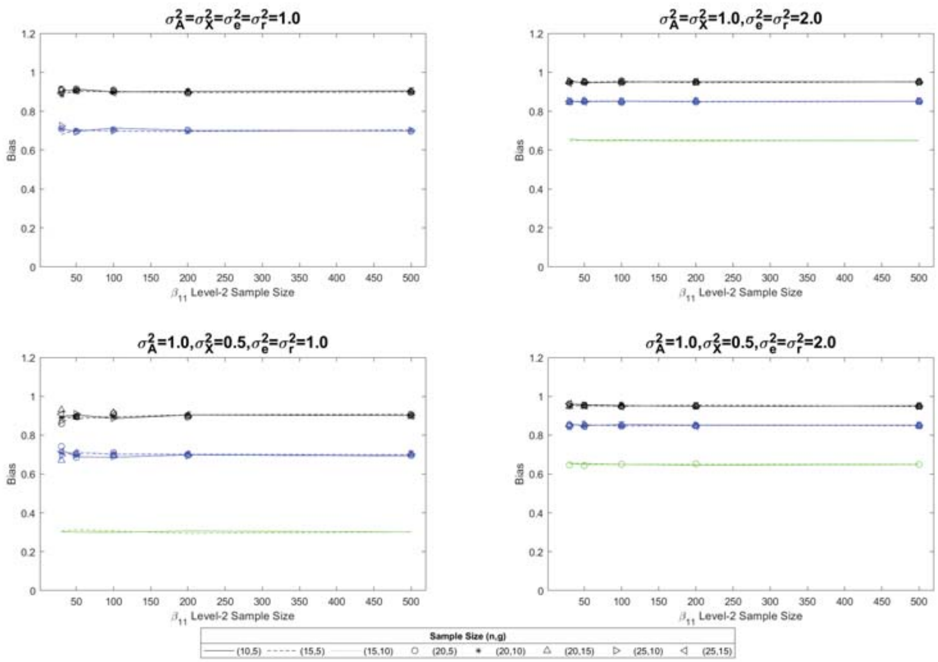

Figure 36. Level-2 β_{11} re-sampled sample size bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = 1.0$ (top) and $\sigma_A^2 = 1.0$, $\sigma_X^2 = 0.5$ (bottom) with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$.

Table 20. Average absolute relative bias values for Level-2 parameters based on the re-sampled sample sizes for conditions 1 - 75.

		Level-2 Parameter Absolute Relative Percentage Bias																			
		β_{00}					β_{01}					β_{10}					β_{11}				
	Effect Size	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500
1	0.1	0.901	0.896	0.899	0.900	0.901	0.901	0.896	0.913	0.888	0.900	0.898	0.896	0.899	0.900	0.901	0.900	0.896	0.913	0.889	0.900
2	0.1	0.894	0.899	0.897	0.895	0.899	0.890	0.898	0.893	0.903	0.898	0.895	0.899	0.896	0.894	0.899	0.889	0.898	0.892	0.902	0.898
3	0.1	0.901	0.901	0.902	0.905	0.902	0.902	0.901	0.897	0.899	0.900	0.904	0.901	0.902	0.905	0.902	0.901	0.900	0.897	0.899	0.901
4	0.1	0.892	0.903	0.901	0.904	0.904	0.905	0.903	0.899	0.899	0.899	0.895	0.904	0.902	0.904	0.904	0.903	0.902	0.898	0.899	0.899
5	0.1	0.897	0.892	0.903	0.905	0.900	0.910	0.898	0.891	0.888	0.904	0.898	0.891	0.903	0.905	0.900	0.913	0.901	0.891	0.887	0.904
6	0.1	0.889	0.903	0.906	0.901	0.900	0.896	0.889	0.903	0.901	0.898	0.889	0.904	0.906	0.900	0.900	0.900	0.890	0.903	0.901	0.898
7	0.1	0.900	0.906	0.898	0.895	0.900	0.905	0.893	0.897	0.897	0.902	0.899	0.905	0.898	0.895	0.900	0.906	0.893	0.897	0.898	0.902
8	0.1	0.893	0.893	0.907	0.901	0.897	0.882	0.904	0.901	0.904	0.902	0.893	0.894	0.907	0.901	0.897	0.886	0.905	0.901	0.904	0.902
9	0.1	0.949	0.945	0.951	0.950	0.950	0.946	0.950	0.949	0.952	0.950	0.950	0.945	0.951	0.950	0.950	0.945	0.949	0.949	0.952	0.950
10	0.1	0.950	0.949	0.948	0.951	0.950	0.947	0.953	0.949	0.949	0.952	0.950	0.949	0.948	0.951	0.950	0.948	0.952	0.950	0.949	0.952
11	0.1	0.946	0.953	0.950	0.950	0.950	0.955	0.946	0.949	0.953	0.950	0.946	0.953	0.950	0.950	0.950	0.954	0.946	0.949	0.952	0.950
12	0.1	0.947	0.948	0.953	0.949	0.951	0.949	0.954	0.948	0.949	0.948	0.948	0.948	0.953	0.949	0.951	0.951	0.955	0.949	0.949	0.948
13	0.1	0.952	0.947	0.950	0.950	0.950	0.950	0.952	0.949	0.953	0.948	0.951	0.947	0.951	0.950	0.950	0.952	0.952	0.950	0.953	0.948
14	0.1	0.954	0.950	0.949	0.950	0.950	0.952	0.951	0.951	0.950	0.950	0.952	0.951	0.949	0.950	0.950	0.951	0.949	0.950	0.950	0.950
15	0.1	0.950	0.950	0.949	0.949	0.950	0.945	0.948	0.949	0.950	0.951	0.951	0.950	0.949	0.949	0.950	0.947	0.949	0.948	0.950	0.951
16	0.1	0.951	0.948	0.951	0.951	0.950	0.947	0.947	0.954	0.952	0.951	0.950	0.948	0.951	0.951	0.950	0.947	0.947	0.954	0.952	0.952
17	0.3	0.694	0.707	0.696	0.702	0.700	0.707	0.702	0.715	0.703	0.702	0.694	0.708	0.695	0.702	0.700	0.708	0.703	0.714	0.703	0.702
18	0.3	0.678	0.695	0.700	0.696	0.701	0.700	0.707	0.707	0.706	0.693	0.680	0.693	0.699	0.696	0.700	0.699	0.709	0.707	0.706	0.693
19	0.3	0.688	0.699	0.694	0.699	0.700	0.690	0.700	0.716	0.705	0.699	0.688	0.701	0.694	0.698	0.700	0.693	0.700	0.716	0.705	0.699
20	0.3	0.700	0.693	0.697	0.703	0.700	0.690	0.698	0.699	0.706	0.700	0.701	0.694	0.698	0.703	0.701	0.690	0.699	0.699	0.706	0.699
21	0.3	0.690	0.704	0.698	0.698	0.700	0.721	0.696	0.693	0.698	0.701	0.692	0.703	0.699	0.699	0.700	0.720	0.695	0.692	0.699	0.701
22	0.3	0.697	0.705	0.703	0.703	0.704	0.686	0.696	0.692	0.701	0.697	0.698	0.705	0.705	0.703	0.704	0.688	0.696	0.693	0.701	0.697
23	0.3	0.713	0.697	0.694	0.699	0.697	0.708	0.693	0.694	0.703	0.700	0.710	0.695	0.693	0.699	0.697	0.706	0.694	0.694	0.702	0.700
24	0.3	0.848	0.852	0.850	0.851	0.850	0.850	0.855	0.847	0.853	0.850	0.847	0.852	0.850	0.851	0.850	0.848	0.854	0.847	0.853	0.850
25	0.3	0.847	0.851	0.849	0.849	0.849	0.851	0.860	0.847	0.850	0.850	0.845	0.852	0.849	0.849	0.849	0.851	0.861	0.847	0.850	0.850
26	0.3	0.852	0.850	0.849	0.850	0.850	0.850	0.851	0.848	0.851	0.850	0.853	0.850	0.849	0.850	0.850	0.850	0.851	0.848	0.851	0.850
27	0.3	0.850	0.845	0.852	0.850	0.850	0.845	0.849	0.848	0.849	0.850	0.850	0.845	0.852	0.850	0.850	0.846	0.850	0.848	0.849	0.850
28	0.3	0.854	0.852	0.850	0.851	0.850	0.853	0.850	0.851	0.850	0.851	0.853	0.851	0.851	0.851	0.850	0.853	0.849	0.851	0.850	0.851
29	0.3	0.852	0.851	0.851	0.851	0.850	0.843	0.852	0.849	0.851	0.850	0.852	0.851	0.851	0.851	0.850	0.843	0.851	0.849	0.851	0.850
30	0.3	0.852	0.847	0.850	0.848	0.850	0.851	0.849	0.847	0.852	0.849	0.852	0.846	0.850	0.848	0.850	0.852	0.849	0.847	0.852	0.850
31	0.3	0.846	0.852	0.854	0.850	0.850	0.849	0.853	0.851	0.850	0.850	0.847	0.852	0.854	0.850	0.850	0.849	0.853	0.851	0.850	0.850
32	0.7	0.308	0.307	0.295	0.302	0.301	0.281	0.303	0.297	0.292	0.303	0.307	0.309	0.295	0.302	0.301	0.286	0.304	0.297	0.292	0.302
33	0.7	0.649	0.650	0.651	0.650	0.651	0.655	0.652	0.651	0.650	0.652	0.650	0.651	0.651	0.650	0.650	0.653	0.652	0.650	0.650	0.652
34	0.7	0.644	0.649	0.652	0.651	0.651	0.652	0.654	0.651	0.648	0.650	0.644	0.649	0.651	0.651	0.651	0.653	0.653	0.651	0.648	0.650
35	0.7	0.644	0.646	0.652	0.649	0.651	0.644	0.649	0.649	0.651	0.649	0.645	0.646	0.652	0.649	0.651	0.643	0.648	0.650	0.651	0.649
36	0.1	0.916	0.887	0.894	0.904	0.901	0.903	0.911	0.899	0.902	0.904	0.912	0.887	0.893	0.904	0.900	0.903	0.913	0.900	0.902	0.904
37	0.1	0.900	0.899	0.901	0.900	0.898	0.895	0.898	0.903	0.896	0.900	0.900	0.900	0.901	0.900	0.898	0.890	0.901	0.902	0.895	0.900
38	0.1	0.892	0.901	0.900	0.904	0.902	0.888	0.907	0.898	0.902	0.901	0.890	0.899	0.900	0.904	0.902	0.889	0.909	0.898	0.901	0.901
39	0.1	0.887	0.897	0.896	0.901	0.898	0.911	0.915	0.910	0.893	0.896	0.889	0.897	0.897	0.901	0.898	0.914	0.915	0.909	0.893	0.896
40	0.1	0.892	0.889	0.903	0.897	0.900	0.885	0.903	0.898	0.903	0.901	0.893	0.891	0.902	0.897	0.901	0.883	0.904	0.897	0.903	0.901
41	0.1	0.896	0.889	0.893	0.903	0.896	0.909	0.909	0.901	0.899	0.901	0.895	0.886	0.893	0.902	0.896	0.908	0.905	0.902	0.900	0.901
42	0.1	0.902	0.910	0.902	0.898	0.900	0.908	0.911	0.901	0.898	0.901	0.903	0.909	0.902	0.898	0.900	0.909	0.909	0.902	0.898	0.902
43	0.1	0.910	0.899	0.899	0.900	0.899	0.889	0.903	0.897	0.899	0.904	0.911	0.900	0.899	0.900	0.899	0.892	0.904	0.896	0.898	0.904
44	0.1	0.948	0.953	0.949	0.950	0.949	0.952	0.946	0.949	0.952	0.950	0.949	0.953	0.948	0.950	0.949	0.953	0.946	0.950	0.952	0.950
45	0.1	0.953	0.950	0.948	0.952	0.950	0.950	0.948	0.953	0.946	0.951	0.953	0.949	0.948	0.952	0.950	0.950	0.948	0.953	0.946	0.951
46	0.1	0.952	0.951	0.950	0.951	0.951	0.953	0.951	0.950	0.951	0.950	0.952	0.951	0.950	0.951	0.951	0.954	0.951	0.950	0.951	0.950
47	0.1	0.952	0.949	0.954	0.949	0.949	0.950	0.952	0.956	0.950	0.950	0.953	0.949	0.953	0.948	0.949	0.949	0.951	0.956	0.950	0.950
48	0.1	0.946	0.950	0.952	0.948	0.950	0.951	0.949	0.950	0.950	0.950	0.946	0.949	0.952	0.948	0.950	0.949	0.949	0.950	0.950	0.950
49	0.1	0.948	0.952	0.949	0.952	0.950	0.951	0.949	0.950	0.947	0.950	0.948	0.951	0.949	0.952	0.950	0.951	0.950	0.950	0.947	0.950
50	0.1	0.951	0.948	0.950	0.951	0.950	0.955	0.952	0.947	0.950	0.949	0.952	0.949	0.950	0.951	0.950	0.955	0.952	0.947	0.950	0.949
51	0.1	0.954	0.950	0.949	0.950	0.950	0.945	0.948	0.950	0.951	0.951	0.954	0.949	0.949	0.950	0.950	0.944	0.948	0.949	0.951	0.951
52	0.3	0.699	0.703	0.697	0.703	0.703	0.703	0.698	0.714	0.702	0.700	0.698	0.704	0.697	0.703	0.703	0.709	0.697	0.713	0.701	0.699
53	0.3	0.699	0.683	0.688	0.700	0.700	0.680	0.702	0.698	0.696	0.703	0.701	0.682	0.688	0.700	0.700	0.680	0.705	0.698	0.696	0.703
54	0.3	0.697	0.700	0.694	0.702	0.703	0.696	0.697	0.702	0.699	0.698	0.698	0.700	0.694	0.702	0.703	0.695	0.696	0.700	0.699	0.698
55	0.3	0.692	0.703	0.694	0.694	0.702	0.709	0.697	0.704	0.702	0.697	0.692	0.701	0.695	0.694	0.702	0.710	0.697	0.705	0.703	0.697
56	0.3	0.711	0.688	0.698	0.702	0.702	0.710	0.702	0.704	0.696	0.702	0.709	0.688	0.698	0.702	0.702	0.709	0.701	0.704	0.696	0.702
57	0.3	0.701	0.713	0.701	0.711	0.699	0.721	0.694	0.701	0.701	0.700	0.699	0.713	0.701	0.712	0.699	0.724	0.695	0.700	0.701	0.700
58	0.3	0.849	0.851	0.850	0.851	0.850	0.848	0.848	0.852	0.850	0.851	0.848	0.851	0.849	0.851	0.850	0.849	0.849	0.852	0.850	0.851
59	0.3	0.849	0.847	0.849	0.849	0.850	0.851	0.853	0.851	0.848	0.850	0.850	0.847	0.849	0.850	0.850	0.850	0.852	0.852	0.848	0.850
60	0.3	0.850	0.851	0.849	0.850	0.849	0.847	0.847	0.849	0.848	0.850	0.849	0.851	0.849	0.849	0.849	0.847	0.847	0.849	0.848	0.850
61	0.3	0.853	0.848	0.851	0.851	0.850	0.849	0.851	0.846	0.848	0.851	0.853	0.848	0.851	0.851	0.850	0.848	0.851	0.846	0.848	0.851
62	0.3	0.849	0.851	0.850	0.850	0.850	0.850	0.849	0.848	0.851	0.849	0.849	0.852	0.851	0.850	0.850	0.849	0.850	0.848	0.851	0.849
63	0.3	0.849	0.853	0.850	0.848	0.849	0.846	0.853	0.850	0.852	0.850	0.849	0.851	0.850	0.848	0.849	0.846	0.853	0.850	0.852	0.850
64	0.3	0.850	0.854	0.849	0.851	0.851	0.855	0.851	0.850	0.851	0.852	0.849	0.854	0.849	0.851	0.851	0.854	0.851	0.850	0.851	0.852
65	0.3	0.845	0.852	0.852	0.848	0.850	0.851	0.848	0.850	0.851	0.851	0.845	0.851	0.852	0.848	0.850	0.851	0.848	0.849	0.851	0.851
66	0.7	0.651	0.649	0.651	0.647	0.650	0.659	0.651	0.650	0.648	0.650	0.650	0.649	0.651	0.647	0.650	0.657	0.650	0.649	0.648	0.650
67	0.7	0.653	0.654	0.649	0.651	0.651	0.649	0.652	0.652	0.651	0.649	0.653	0.655	0.649	0.651	0.651	0.648	0.651	0.653	0.651	0.649
68	0.1	0.873	0.915	0.911	0.901	0.899	0.917	0.905	0.899	0.905	0.898	0.871	0.912	0.911	0.901	0.899	0.919	0.907	0.902	0.905	0.898
69	0.1	0.900	0.904	0.904	0.899	0.899	0.892	0.896	0.911	0.903	0.903	0.901	0.902	0.905	0.899	0.899	0.895	0.895	0.911	0.903	0.903
70	0.1	0.897	0.888	0.900	0.900	0.903	0.890	0.890	0.908	0.898	0.897	0.897	0.888	0.900	0.900	0.903	0.894	0.893	0.908	0.898	0.896
71	0.1	0.899	0.898	0.905	0.900	0.901	0.890	0.907	0.906	0.893	0.902	0.899	0.898	0.906	0.900	0.901	0.895	0.907	0.907	0.893	0.902
72	0.1	0.899	0.896	0.901	0.900	0.902	0.883	0.896	0.902	0.898	0.898	0.901	0.897	0.901	0.900	0.902	0.879	0.896	0.902	0.897	0.898
73	0.1	0.896	0.895	0.899	0.898	0.896	0.905	0.899	0.909	0.901	0.904	0.895	0.894	0.898	0.899	0.896	0.906	0.898	0.909	0.901	0.904
74	0.1	0.878	0.903	0.903	0.897	0.899	0.893	0.907	0.907	0.897	0.900	0.880	0.901	0.902	0.897	0.899	0.894	0.908	0.905	0.898	0.901
75	0.1	0.903	0.908	0.901	0.897	0.903	0.895	0.905	0.902	0.902	0.895	0.909	0.909	0.900	0.897	0.903	0.896	0.907	0.902	0.903	0.896

Table 21. Average absolute relative bias values for Level-2 parameters based on the re-sampled sample sizes for conditions 75 - 150.

		Level-2 Parameter Absolute Relative Percentage Bias																			
		β_{00}					β_{01}					β_{10}					β_{11}				
	Effect Size	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500
76	0.1	0.949	0.951	0.950	0.949	0.949	0.937	0.953	0.947	0.953	0.949	0.949	0.952	0.951	0.949	0.949	0.937	0.952	0.947	0.953	0.949
77	0.1	0.948	0.950	0.950	0.950	0.949	0.950	0.947	0.950	0.950	0.951	0.947	0.949	0.950	0.949	0.949	0.950	0.947	0.950	0.950	0.951
78	0.1	0.948	0.949	0.951	0.949	0.950	0.940	0.950	0.953	0.951	0.950	0.949	0.949	0.951	0.949	0.950	0.941	0.950	0.954	0.951	0.950
79	0.1	0.949	0.950	0.951	0.949	0.950	0.948	0.948	0.950	0.951	0.951	0.950	0.950	0.950	0.949	0.950	0.947	0.950	0.950	0.951	0.951
80	0.1	0.952	0.951	0.947	0.951	0.950	0.955	0.952	0.949	0.951	0.950	0.952	0.951	0.948	0.951	0.950	0.956	0.952	0.948	0.951	0.950
81	0.1	0.950	0.949	0.951	0.951	0.951	0.950	0.945	0.950	0.949	0.950	0.952	0.949	0.952	0.951	0.951	0.950	0.946	0.950	0.949	0.950
82	0.1	0.945	0.948	0.948	0.949	0.950	0.952	0.949	0.951	0.954	0.950	0.945	0.947	0.949	0.949	0.950	0.951	0.949	0.951	0.954	0.950
83	0.1	0.949	0.948	0.951	0.950	0.950	0.953	0.948	0.948	0.952	0.951	0.949	0.947	0.952	0.950	0.950	0.954	0.948	0.948	0.951	0.951
84	0.3	0.691	0.702	0.695	0.703	0.696	0.702	0.694	0.697	0.699	0.697	0.696	0.700	0.694	0.702	0.696	0.702	0.693	0.697	0.699	0.697
85	0.3	0.694	0.705	0.706	0.697	0.702	0.694	0.708	0.702	0.694	0.694	0.695	0.708	0.705	0.698	0.701	0.690	0.710	0.703	0.695	0.694
86	0.3	0.690	0.690	0.697	0.701	0.700	0.700	0.703	0.705	0.700	0.697	0.688	0.691	0.696	0.701	0.700	0.701	0.702	0.706	0.699	0.697
87	0.3	0.689	0.703	0.703	0.702	0.699	0.702	0.705	0.699	0.702	0.703	0.691	0.705	0.703	0.703	0.699	0.712	0.706	0.699	0.702	0.703
88	0.3	0.694	0.708	0.696	0.704	0.699	0.694	0.696	0.692	0.704	0.697	0.692	0.707	0.696	0.704	0.700	0.694	0.696	0.692	0.705	0.697
89	0.3	0.694	0.709	0.700	0.702	0.699	0.724	0.691	0.703	0.701	0.700	0.692	0.710	0.700	0.702	0.700	0.721	0.693	0.704	0.701	0.700
90	0.3	0.693	0.712	0.707	0.697	0.703	0.683	0.708	0.698	0.707	0.698	0.694	0.713	0.708	0.697	0.702	0.685	0.707	0.697	0.707	0.698
91	0.3	0.684	0.688	0.696	0.702	0.703	0.700	0.707	0.703	0.695	0.700	0.682	0.691	0.697	0.702	0.703	0.701	0.707	0.703	0.695	0.700
92	0.3	0.854	0.855	0.848	0.852	0.851	0.857	0.843	0.847	0.847	0.850	0.853	0.854	0.848	0.852	0.850	0.856	0.842	0.847	0.847	0.850
93	0.3	0.849	0.849	0.848	0.849	0.849	0.846	0.856	0.850	0.849	0.851	0.848	0.849	0.848	0.849	0.849	0.846	0.856	0.851	0.849	0.850
94	0.3	0.844	0.850	0.849	0.849	0.849	0.847	0.851	0.850	0.848	0.851	0.845	0.849	0.850	0.849	0.849	0.847	0.851	0.850	0.848	0.851
95	0.3	0.848	0.851	0.849	0.851	0.850	0.854	0.840	0.851	0.849	0.848	0.850	0.852	0.849	0.850	0.851	0.855	0.840	0.851	0.849	0.848
96	0.3	0.852	0.852	0.851	0.850	0.850	0.849	0.852	0.848	0.851	0.850	0.851	0.852	0.851	0.850	0.850	0.849	0.853	0.848	0.851	0.850
97	0.3	0.851	0.851	0.851	0.850	0.851	0.848	0.849	0.852	0.852	0.850	0.851	0.850	0.851	0.850	0.851	0.849	0.849	0.852	0.852	0.850
98	0.3	0.848	0.849	0.848	0.850	0.849	0.843	0.850	0.851	0.849	0.850	0.850	0.850	0.848	0.850	0.849	0.843	0.850	0.851	0.849	0.850
99	0.3	0.848	0.852	0.847	0.848	0.851	0.848	0.848	0.851	0.850	0.849	0.850	0.852	0.848	0.848	0.851	0.848	0.849	0.850	0.850	0.850
100	0.7	0.297	0.303	0.302	0.302	0.300	0.301	0.302	0.288	0.294	0.301	0.302	0.304	0.302	0.302	0.300	0.302	0.298	0.290	0.294	0.301
101	0.7	0.301	0.305	0.299	0.296	0.300	0.305	0.290	0.300	0.299	0.306	0.299	0.305	0.299	0.297	0.300	0.310	0.286	0.300	0.300	0.306
102	0.7	0.309	0.310	0.300	0.304	0.299	0.312	0.291	0.279	0.297	0.301	0.308	0.309	0.298	0.304	0.299	0.309	0.290	0.279	0.298	0.301
103	0.7	0.654	0.648	0.650	0.651	0.651	0.645	0.651	0.649	0.650	0.648	0.656	0.648	0.649	0.651	0.651	0.645	0.652	0.649	0.650	0.648
104	0.7	0.651	0.652	0.651	0.650	0.651	0.648	0.653	0.647	0.651	0.650	0.652	0.653	0.651	0.650	0.651	0.647	0.653	0.647	0.651	0.650
105	0.7	0.650	0.650	0.651	0.652	0.650	0.653	0.650	0.647	0.651	0.651	0.650	0.650	0.650	0.652	0.650	0.653	0.649	0.648	0.650	0.651
106	0.7	0.650	0.647	0.651	0.650	0.651	0.647	0.651	0.649	0.649	0.652	0.651	0.648	0.651	0.650	0.651	0.648	0.650	0.649	0.650	0.652
107	0.7	0.655	0.649	0.651	0.650	0.650	0.643	0.653	0.650	0.650	0.651	0.655	0.650	0.651	0.650	0.650	0.644	0.652	0.649	0.650	0.651
108	0.1	0.898	0.878	0.904	0.899	0.901	0.909	0.896	0.905	0.904	0.902	0.894	0.882	0.903	0.899	0.901	0.916	0.896	0.903	0.904	0.902
109	0.1	0.896	0.903	0.903	0.903	0.900	0.903	0.903	0.886	0.904	0.901	0.896	0.903	0.903	0.902	0.900	0.899	0.903	0.887	0.904	0.901
110	0.1	0.888	0.892	0.911	0.900	0.898	0.893	0.886	0.905	0.901	0.899	0.887	0.889	0.912	0.899	0.898	0.892	0.888	0.904	0.901	0.899
111	0.1	0.898	0.911	0.899	0.900	0.901	0.900	0.899	0.893	0.899	0.900	0.895	0.910	0.899	0.899	0.901	0.898	0.897	0.894	0.899	0.900
112	0.1	0.911	0.905	0.902	0.894	0.899	0.893	0.885	0.904	0.896	0.901	0.912	0.905	0.902	0.893	0.899	0.892	0.889	0.904	0.895	0.902
113	0.1	0.900	0.907	0.898	0.897	0.901	0.890	0.899	0.898	0.900	0.899	0.900	0.907	0.898	0.896	0.901	0.894	0.898	0.898	0.901	0.898
114	0.1	0.901	0.911	0.900	0.892	0.896	0.892	0.901	0.904	0.894	0.906	0.899	0.913	0.899	0.892	0.896	0.890	0.902	0.904	0.894	0.906
115	0.1	0.896	0.895	0.904	0.903	0.898	0.896	0.891	0.895	0.900	0.899	0.898	0.894	0.904	0.904	0.898	0.898	0.892	0.894	0.900	0.899
116	0.1	0.949	0.949	0.949	0.951	0.951	0.948	0.953	0.953	0.949	0.949	0.948	0.949	0.949	0.951	0.951	0.951	0.952	0.953	0.949	0.949
117	0.1	0.954	0.951	0.952	0.949	0.950	0.943	0.950	0.948	0.952	0.951	0.953	0.951	0.952	0.948	0.950	0.944	0.949	0.947	0.951	0.951
118	0.1	0.953	0.951	0.948	0.950	0.950	0.950	0.949	0.951	0.950	0.949	0.952	0.950	0.948	0.950	0.950	0.951	0.949	0.951	0.950	0.949
119	0.1	0.948	0.950	0.950	0.950	0.949	0.953	0.955	0.952	0.949	0.950	0.948	0.950	0.950	0.950	0.949	0.954	0.955	0.952	0.949	0.950
120	0.1	0.951	0.951	0.950	0.948	0.949	0.952	0.952	0.949	0.949	0.951	0.950	0.951	0.949	0.949	0.949	0.951	0.951	0.949	0.949	0.951
121	0.1	0.952	0.950	0.949	0.949	0.950	0.948	0.953	0.952	0.952	0.949	0.953	0.949	0.948	0.949	0.950	0.948	0.953	0.953	0.952	0.949
122	0.1	0.948	0.951	0.951	0.950	0.951	0.957	0.950	0.949	0.953	0.949	0.948	0.951	0.951	0.950	0.951	0.957	0.950	0.949	0.953	0.949
123	0.1	0.949	0.946	0.949	0.951	0.951	0.951	0.953	0.953	0.952	0.950	0.950	0.946	0.948	0.951	0.951	0.951	0.953	0.953	0.952	0.950
124	0.3	0.695	0.708	0.699	0.701	0.702	0.696	0.697	0.703	0.701	0.702	0.692	0.709	0.700	0.701	0.702	0.693	0.696	0.701	0.701	0.702
125	0.3	0.696	0.709	0.697	0.696	0.700	0.692	0.705	0.697	0.699	0.700	0.696	0.710	0.698	0.696	0.700	0.699	0.705	0.696	0.699	0.701
126	0.3	0.712	0.698	0.707	0.699	0.701	0.705	0.690	0.689	0.702	0.701	0.706	0.696	0.707	0.699	0.701	0.706	0.688	0.688	0.701	0.701
127	0.3	0.687	0.697	0.698	0.702	0.702	0.715	0.686	0.697	0.703	0.700	0.682	0.698	0.697	0.702	0.702	0.716	0.685	0.698	0.704	0.700
128	0.3	0.702	0.706	0.704	0.702	0.699	0.720	0.692	0.695	0.697	0.700	0.705	0.705	0.703	0.702	0.699	0.722	0.694	0.696	0.697	0.699
129	0.3	0.715	0.706	0.695	0.702	0.698	0.705	0.706	0.704	0.700	0.699	0.715	0.707	0.694	0.702	0.697	0.704	0.707	0.703	0.700	0.699
130	0.3	0.692	0.699	0.689	0.703	0.697	0.686	0.709	0.707	0.702	0.699	0.690	0.701	0.687	0.702	0.697	0.687	0.708	0.707	0.701	0.699
131	0.3	0.703	0.698	0.697	0.698	0.701	0.681	0.694	0.704	0.702	0.696	0.706	0.698	0.697	0.697	0.700	0.677	0.693	0.705	0.703	0.697
132	0.3	0.856	0.851	0.850	0.849	0.850	0.843	0.849	0.849	0.848	0.851	0.858	0.850	0.850	0.849	0.850	0.844	0.848	0.849	0.848	0.851
133	0.3	0.853	0.847	0.848	0.849	0.851	0.846	0.852	0.852	0.850	0.850	0.854	0.846	0.848	0.849	0.851	0.849	0.852	0.852	0.850	0.850
134	0.3	0.851	0.849	0.852	0.850	0.851	0.852	0.853	0.851	0.852	0.850	0.852	0.849	0.852	0.849	0.851	0.853	0.852	0.851	0.852	0.850
135	0.3	0.848	0.848	0.850	0.850	0.850	0.853	0.854	0.852	0.852	0.851	0.850	0.848	0.850	0.850	0.850	0.852	0.854	0.852	0.853	0.851
136	0.3	0.852	0.854	0.850	0.849	0.849	0.850	0.850	0.853	0.853	0.851	0.852	0.853	0.850	0.849	0.850	0.850	0.851	0.853	0.853	0.851
137	0.3	0.850	0.853	0.848	0.851	0.851	0.845	0.850	0.850	0.850	0.850	0.850	0.853	0.848	0.851	0.851	0.845	0.851	0.850	0.850	0.850
138	0.3	0.850	0.849	0.850	0.848	0.850	0.851	0.849	0.849	0.851	0.851	0.848	0.850	0.851	0.848	0.850	0.852	0.849	0.849	0.851	0.851
139	0.3	0.845	0.852	0.848	0.849	0.850	0.846	0.849	0.851	0.849	0.850	0.845	0.851	0.848	0.849	0.850	0.844	0.849	0.851	0.849	0.850
140	0.7	0.286	0.300	0.301	0.300	0.298	0.307	0.295	0.311	0.301	0.301	0.283	0.303	0.301	0.300	0.298	0.313	0.297	0.311	0.301	0.301
141	0.7	0.304	0.306	0.302	0.301	0.298	0.298	0.303	0.316	0.306	0.302	0.306	0.306	0.304	0.301	0.298	0.297	0.302	0.316	0.305	0.302
142	0.7	0.650	0.648	0.649	0.650	0.651	0.646	0.655	0.649	0.651	0.649	0.649	0.647	0.649	0.650	0.651	0.646	0.654	0.650	0.651	0.649
143	0.7	0.654	0.652	0.653	0.652	0.649	0.653	0.650	0.652	0.647	0.651	0.654	0.651	0.652	0.651	0.649	0.653	0.650	0.652	0.647	0.651
144	0.7	0.649	0.648	0.650	0.649	0.650	0.651	0.651	0.649	0.648	0.650	0.649	0.649	0.650	0.649	0.650	0.653	0.651	0.648	0.648	0.650
145	0.7	0.648	0.650	0.649	0.650	0.650	0.654	0.650	0.653	0.650	0.651	0.648	0.650	0.649	0.650	0.651	0.653	0.649	0.652	0.650	0.651
146	0.1	0.910	0.900	0.906	0.901	0.902	0.887	0.872	0.896	0.900	0.894	0.909	0.903	0.905	0.901	0.901	0.879	0.873	0.894	0.899	0.894
147	0.1	0.889	0.896	0.911	0.905	0.901	0.890	0.906	0.900	0.908	0.897	0.891	0.896	0.912	0.905	0.901	0.885	0.906	0.901	0.909	0.897
148	0.1	0.898	0.896	0.891	0.903	0.900	0.894	0.895	0.893	0.897	0.901	0.902	0.897	0.892	0.903	0.900	0.899	0.896	0.894	0.896	0.901
149	0.1	0.913	0.900	0.892	0.900	0.901	0.891	0.926	0.891	0.899	0.907	0.914	0.899	0.892	0.901	0.901	0.893	0.925	0.889	0.899	0.907
150	0.1	0.903	0.901	0.888	0.898	0.902	0.901	0.884	0.901	0.899	0.899	0.900	0.900	0.888	0.898	0.902	0.898	0.882	0.901	0.898	0.899

Table 22. Average absolute relative bias values for Level-2 parameters based on the re-sampled sample sizes for conditions 151 - 224.

		Level-2 Parameter Absolute Relative Percentage Bias																			
		β_{00}					β_{01}					β_{10}					β_{11}				
	Effect Size	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500	30	50	100	200	500
151	0.1	0.883	0.898	0.901	0.897	0.902	0.933	0.894	0.894	0.902	0.897	0.886	0.899	0.901	0.896	0.902	0.937	0.893	0.895	0.903	0.897
152	0.1	0.895	0.899	0.912	0.896	0.903	0.885	0.886	0.896	0.902	0.894	0.894	0.898	0.912	0.897	0.903	0.884	0.890	0.897	0.902	0.894
153	0.1	0.895	0.904	0.897	0.899	0.901	0.907	0.906	0.902	0.891	0.901	0.892	0.905	0.897	0.899	0.901	0.908	0.906	0.902	0.891	0.902
154	0.1	0.948	0.953	0.945	0.950	0.949	0.940	0.950	0.950	0.945	0.950	0.948	0.952	0.945	0.950	0.949	0.939	0.949	0.949	0.945	0.950
155	0.1	0.952	0.949	0.950	0.950	0.951	0.954	0.955	0.951	0.948	0.949	0.952	0.949	0.950	0.950	0.951	0.951	0.954	0.951	0.948	0.949
156	0.1	0.948	0.949	0.952	0.951	0.950	0.949	0.945	0.951	0.951	0.950	0.949	0.949	0.952	0.950	0.950	0.949	0.945	0.951	0.951	0.949
157	0.1	0.948	0.947	0.949	0.952	0.949	0.962	0.947	0.950	0.954	0.952	0.949	0.947	0.949	0.952	0.949	0.962	0.946	0.950	0.955	0.952
158	0.1	0.951	0.948	0.950	0.949	0.949	0.945	0.948	0.949	0.948	0.950	0.951	0.947	0.950	0.949	0.949	0.945	0.948	0.949	0.948	0.950
159	0.1	0.949	0.951	0.949	0.950	0.949	0.952	0.946	0.945	0.949	0.948	0.951	0.951	0.949	0.950	0.949	0.952	0.945	0.945	0.950	0.948
160	0.1	0.948	0.946	0.949	0.951	0.950	0.943	0.955	0.946	0.953	0.948	0.949	0.946	0.948	0.951	0.950	0.942	0.954	0.946	0.953	0.948
161	0.1	0.949	0.955	0.949	0.951	0.951	0.950	0.950	0.953	0.950	0.950	0.949	0.955	0.949	0.951	0.951	0.949	0.950	0.953	0.950	0.950
162	0.3	0.711	0.691	0.709	0.704	0.702	0.679	0.703	0.695	0.699	0.708	0.710	0.691	0.708	0.703	0.702	0.674	0.709	0.695	0.699	0.708
163	0.3	0.700	0.693	0.705	0.700	0.699	0.720	0.724	0.695	0.695	0.697	0.703	0.694	0.704	0.700	0.699	0.720	0.724	0.692	0.696	0.697
164	0.3	0.691	0.698	0.701	0.699	0.703	0.702	0.695	0.700	0.705	0.694	0.690	0.697	0.701	0.698	0.702	0.706	0.693	0.701	0.705	0.694
165	0.3	0.707	0.697	0.703	0.701	0.703	0.697	0.685	0.720	0.699	0.693	0.703	0.699	0.703	0.701	0.702	0.694	0.688	0.718	0.699	0.693
166	0.3	0.697	0.697	0.705	0.694	0.701	0.681	0.699	0.697	0.702	0.698	0.701	0.696	0.705	0.694	0.702	0.681	0.701	0.695	0.702	0.699
167	0.3	0.697	0.695	0.698	0.705	0.698	0.698	0.727	0.691	0.705	0.693	0.699	0.697	0.699	0.705	0.698	0.700	0.725	0.692	0.704	0.693
168	0.3	0.701	0.699	0.704	0.697	0.700	0.692	0.710	0.700	0.693	0.700	0.702	0.699	0.705	0.697	0.700	0.693	0.707	0.698	0.693	0.700
169	0.3	0.690	0.703	0.705	0.700	0.700	0.703	0.689	0.694	0.698	0.700	0.690	0.703	0.704	0.700	0.701	0.701	0.688	0.695	0.698	0.700
170	0.3	0.850	0.853	0.847	0.850	0.850	0.855	0.855	0.848	0.851	0.846	0.849	0.853	0.846	0.850	0.850	0.855	0.854	0.848	0.851	0.846
171	0.3	0.850	0.853	0.848	0.850	0.850	0.838	0.845	0.851	0.852	0.851	0.848	0.853	0.848	0.850	0.849	0.838	0.846	0.850	0.852	0.851
172	0.3	0.851	0.850	0.850	0.851	0.849	0.849	0.850	0.852	0.850	0.851	0.851	0.849	0.850	0.851	0.849	0.849	0.850	0.852	0.850	0.851
173	0.3	0.856	0.850	0.847	0.850	0.851	0.853	0.857	0.857	0.852	0.849	0.856	0.850	0.847	0.850	0.851	0.851	0.856	0.856	0.852	0.849
174	0.3	0.852	0.851	0.849	0.853	0.851	0.840	0.857	0.850	0.848	0.849	0.851	0.851	0.848	0.853	0.851	0.841	0.858	0.850	0.848	0.849
175	0.3	0.850	0.850	0.847	0.852	0.850	0.848	0.851	0.850	0.848	0.851	0.851	0.849	0.847	0.852	0.850	0.849	0.851	0.850	0.848	0.851
176	0.3	0.853	0.850	0.852	0.851	0.850	0.853	0.853	0.847	0.852	0.848	0.852	0.850	0.853	0.851	0.850	0.855	0.854	0.848	0.852	0.848
177	0.3	0.847	0.851	0.851	0.847	0.850	0.852	0.851	0.849	0.849	0.850	0.847	0.850	0.851	0.847	0.850	0.853	0.851	0.849	0.849	0.850
178	0.7	0.301	0.302	0.297	0.293	0.298	0.287	0.296	0.284	0.300	0.302	0.301	0.303	0.296	0.293	0.298	0.288	0.292	0.283	0.300	0.302
179	0.7	0.319	0.298	0.304	0.300	0.302	0.298	0.288	0.305	0.295	0.299	0.317	0.298	0.304	0.299	0.302	0.306	0.294	0.304	0.296	0.299
180	0.7	0.300	0.299	0.300	0.296	0.299	0.317	0.286	0.291	0.292	0.302	0.299	0.299	0.300	0.296	0.299	0.319	0.289	0.291	0.292	0.303
181	0.7	0.642	0.652	0.648	0.649	0.650	0.658	0.654	0.653	0.650	0.649	0.643	0.652	0.648	0.649	0.650	0.657	0.655	0.654	0.650	0.649
182	0.7	0.649	0.647	0.653	0.649	0.650	0.653	0.650	0.644	0.650	0.648	0.650	0.647	0.653	0.649	0.650	0.653	0.650	0.644	0.650	0.648
183	0.7	0.653	0.652	0.648	0.651	0.650	0.652	0.645	0.651	0.649	0.649	0.654	0.653	0.648	0.651	0.650	0.655	0.646	0.650	0.649	0.649
184	0.7	0.653	0.652	0.652	0.651	0.650	0.651	0.655	0.654	0.650	0.649	0.653	0.653	0.652	0.651	0.650	0.650	0.655	0.654	0.650	0.649
185	0.7	0.647	0.648	0.653	0.649	0.650	0.651	0.648	0.647	0.648	0.651	0.649	0.649	0.653	0.649	0.650	0.653	0.648	0.646	0.648	0.651
186	0.7	0.650	0.646	0.650	0.649	0.651	0.645	0.650	0.649	0.649	0.649	0.650	0.647	0.650	0.649	0.651	0.645	0.650	0.650	0.649	0.649
187	0.1	0.900	0.898	0.897	0.894	0.902	0.892	0.908	0.883	0.905	0.902	0.899	0.899	0.897	0.894	0.902	0.896	0.905	0.886	0.904	0.902
188	0.1	0.912	0.907	0.905	0.907	0.897	0.899	0.889	0.893	0.905	0.907	0.905	0.910	0.905	0.906	0.897	0.894	0.886	0.894	0.905	0.907
189	0.1	0.897	0.904	0.894	0.894	0.903	0.892	0.896	0.893	0.903	0.901	0.897	0.907	0.895	0.894	0.903	0.894	0.898	0.893	0.903	0.901
190	0.1	0.899	0.905	0.899	0.902	0.900	0.861	0.895	0.910	0.895	0.907	0.899	0.906	0.898	0.902	0.900	0.859	0.895	0.912	0.894	0.906
191	0.1	0.896	0.908	0.901	0.902	0.900	0.888	0.898	0.896	0.904	0.900	0.898	0.911	0.901	0.902	0.900	0.889	0.897	0.896	0.905	0.901
192	0.1	0.902	0.902	0.894	0.898	0.901	0.922	0.892	0.914	0.901	0.897	0.903	0.902	0.895	0.898	0.901	0.929	0.894	0.915	0.901	0.897
193	0.1	0.899	0.893	0.900	0.905	0.898	0.873	0.910	0.890	0.896	0.903	0.899	0.892	0.899	0.905	0.898	0.875	0.909	0.889	0.897	0.904
194	0.1	0.880	0.905	0.898	0.906	0.901	0.903	0.900	0.902	0.904	0.900	0.881	0.906	0.898	0.905	0.901	0.908	0.897	0.902	0.904	0.900
195	0.1	0.952	0.949	0.949	0.950	0.950	0.960	0.956	0.953	0.948	0.951	0.952	0.949	0.949	0.950	0.950	0.960	0.956	0.953	0.948	0.951
196	0.1	0.953	0.952	0.949	0.952	0.950	0.952	0.954	0.949	0.954	0.948	0.952	0.951	0.950	0.951	0.950	0.953	0.954	0.949	0.955	0.948
197	0.1	0.952	0.947	0.951	0.950	0.950	0.951	0.947	0.952	0.948	0.950	0.951	0.947	0.952	0.950	0.950	0.952	0.946	0.953	0.948	0.950
198	0.1	0.952	0.952	0.952	0.953	0.951	0.958	0.955	0.948	0.949	0.950	0.952	0.952	0.952	0.953	0.951	0.960	0.954	0.948	0.949	0.950
199	0.1	0.953	0.950	0.949	0.950	0.950	0.946	0.954	0.956	0.947	0.950	0.953	0.950	0.949	0.950	0.950	0.947	0.953	0.956	0.947	0.950
200	0.1	0.944	0.953	0.950	0.950	0.950	0.947	0.949	0.952	0.949	0.948	0.944	0.953	0.950	0.950	0.950	0.948	0.948	0.952	0.949	0.948
201	0.1	0.945	0.952	0.950	0.949	0.950	0.956	0.955	0.951	0.951	0.950	0.944	0.952	0.950	0.949	0.950	0.955	0.954	0.951	0.951	0.949
202	0.1	0.951	0.949	0.948	0.949	0.950	0.961	0.951	0.949	0.952	0.950	0.951	0.949	0.948	0.949	0.950	0.962	0.952	0.948	0.951	0.950
203	0.3	0.689	0.695	0.699	0.700	0.698	0.721	0.685	0.686	0.699	0.693	0.689	0.694	0.699	0.700	0.698	0.725	0.688	0.686	0.699	0.693
204	0.3	0.699	0.711	0.701	0.700	0.701	0.705	0.706	0.704	0.701	0.699	0.703	0.710	0.701	0.700	0.701	0.707	0.709	0.703	0.700	0.700
205	0.3	0.692	0.701	0.694	0.705	0.698	0.696	0.713	0.700	0.705	0.697	0.690	0.701	0.694	0.705	0.698	0.699	0.717	0.701	0.704	0.697
206	0.3	0.695	0.707	0.695	0.702	0.700	0.739	0.685	0.710	0.699	0.696	0.695	0.707	0.695	0.702	0.700	0.742	0.686	0.710	0.699	0.695
207	0.3	0.702	0.702	0.694	0.704	0.700	0.710	0.700	0.708	0.705	0.702	0.697	0.703	0.693	0.705	0.700	0.708	0.696	0.707	0.705	0.702
208	0.3	0.710	0.702	0.692	0.698	0.702	0.664	0.705	0.693	0.699	0.704	0.710	0.702	0.692	0.699	0.702	0.670	0.706	0.695	0.700	0.703
209	0.3	0.689	0.701	0.697	0.697	0.698	0.698	0.699	0.691	0.695	0.702	0.690	0.700	0.698	0.697	0.698	0.695	0.700	0.692	0.694	0.702
210	0.3	0.704	0.698	0.704	0.693	0.698	0.709	0.708	0.696	0.700	0.701	0.705	0.699	0.703	0.693	0.698	0.716	0.707	0.698	0.700	0.701
211	0.3	0.847	0.851	0.850	0.849	0.851	0.858	0.848	0.855	0.851	0.851	0.847	0.851	0.850	0.849	0.851	0.859	0.849	0.855	0.852	0.851
212	0.3	0.847	0.852	0.849	0.849	0.851	0.856	0.853	0.848	0.851	0.849	0.848	0.851	0.849	0.849	0.851	0.852	0.854	0.847	0.851	0.849
213	0.3	0.849	0.851	0.850	0.850	0.849	0.844	0.853	0.852	0.848	0.851	0.850	0.852	0.850	0.850	0.849	0.845	0.853	0.852	0.848	0.851
214	0.3	0.852	0.853	0.849	0.850	0.850	0.853	0.843	0.846	0.850	0.849	0.853	0.853	0.849	0.850	0.850	0.853	0.845	0.846	0.850	0.849
215	0.3	0.850	0.853	0.854	0.848	0.850	0.837	0.849	0.850	0.852	0.849	0.851	0.853	0.854	0.848	0.850	0.837	0.848	0.850	0.852	0.849
216	0.3	0.853	0.849	0.850	0.850	0.850	0.850	0.854	0.849	0.849	0.849	0.854	0.849	0.849	0.850	0.850	0.852	0.854	0.850	0.849	0.849
217	0.3	0.854	0.849	0.849	0.851	0.849	0.850	0.853	0.852	0.850	0.851	0.852	0.849	0.849	0.851	0.849	0.849	0.854	0.852	0.850	0.851
218	0.3	0.848	0.849	0.846	0.850	0.850	0.846	0.847	0.852	0.845	0.850	0.848	0.849	0.846	0.850	0.850	0.847	0.847	0.852	0.845	0.850
219	0.7	0.285	0.302	0.304	0.293	0.296	0.295	0.304	0.300	0.305	0.301	0.288	0.301	0.304	0.292	0.296	0.303	0.301	0.300	0.306	0.302
220	0.7	0.311	0.303	0.300	0.300	0.298	0.307	0.309	0.308	0.294	0.302	0.309	0.303	0.299	0.300	0.298	0.306	0.313	0.306	0.295	0.302
221	0.7	0.653	0.651	0.647	0.651	0.650	0.654	0.651	0.649	0.646	0.649	0.654	0.652	0.647	0.650	0.650	0.653	0.650	0.649	0.646	0.649
222	0.7	0.654	0.649	0.646	0.651	0.650	0.655	0.654	0.649	0.649	0.650	0.654	0.648	0.646	0.651	0.650	0.654	0.655	0.649	0.649	0.650
223	0.7	0.652	0.651	0.651	0.649	0.650	0.658	0.648	0.649	0.651	0.649	0.651	0.651	0.651	0.649	0.650	0.659	0.647	0.649	0.651	0.649
224	0.7	0.646	0.648	0.651	0.650	0.650	0.646	0.643	0.650	0.652	0.649	0.647	0.648	0.651	0.650	0.650	0.647	0.644	0.650	0.652	0.649

In general, for a Level-2 HLM with small sample sizes to achieve sufficient power of 0.80 for different effect sizes this research found that:

- For effect size 0.7, Level-2 intercept parameters (β_{00} and β_{10}) with small sample sizes achieved minimum sufficient power of 0.8 when re-sampled to 30 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0$, and less than 30 sample sizes per level with initial error variance $\sigma_e^2 = 2.0$.
- Level-2 slope parameters (β_{01} and β_{11}) with effect size 0.7 and small sample sizes achieved minimum sufficient power of 0.8 when re-sampled to 100 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0$, and 50 sample sizes per level with initial error variance $\sigma_e^2 = 2.0$.
- The intercept parameters with effect size 0.3 and small sample sizes, achieved minimum power of 0.80 when re-sampled to 200 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0$, and 100 sample sizes per each level with initial error variance $\sigma_e^2 = 2.0$.
- Level-2 HLM slope parameters with effect size 0.3 and small sample sizes, achieved minimum power of 0.80 when re-sampled to 200 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0, 2.0$ and predictor variance $\sigma_A^2 = \sigma_X^2 = 1.0$, and $\sigma_A^2 = 1.0, \sigma_X^2 = 0.5$.
- For effect size 0.3, the slope parameters achieved minimum power of 0.80 when re-sampled to 500 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0$ and predictor variance $\sigma_A^2 = 1.0, \sigma_X^2 = 0.5$, and between 200 and 500 sample sizes per each level with inital error variance $\sigma_e^2 = 2.0$.
- Both intercept and slope parameters with effect size 0.1 and initial error variance ($\sigma_e^2 = 1.0, 2.0$) did not achieve minimum sufficient power when re-sampled to 500 sample sizes per each level.

- As effect size increases from 0.1 to 0.7, the bias for all Level-2 parameters decreases for all predictor and error variances considered, and the re-sampled sample size did not affect the overall average absolute relative bias.
- The bias for initial error variance scenarios with $\sigma_e^2 = 1.0$ is less than those with $\sigma_e^2 = 2.0$.
- For the specific scenarios considered, the overall average absolute relative bias ranges from 0.60 to 0.95.

Level-3 Re-Sampling Based HLM Recommendations.

For the Level-3 HLM, the scenario conditions considered were: small sample sizes at each level (8 total as shown in Table 14), effect size (0.1, 0.3, 0.7), Level-1 initial variance ($\sigma_e^2 = 1.0, 2.0$), error term distributions by level (3 cases shown in Table 6), and predictor distributions by level (3 cases shown in Table 3). Of the 8 x 3 x 2 x 3 x 3 = 432 scenarios considered, 236 scenarios did not reach a minimum power of at least 0.80 from the previous chapter results (Appendix B.2). Thus, these 236 scenarios were extended to the larger sample sizes 30, 50, 100, and 200 for each level as described (for effect sizes 0.3 and 0.7, 92 scenario conditions considered). The specific conditions, scenarios, and sample size considerations are listed in Tables 23 and 24. As previously described for each scenario, 1000 Monte Carlo simulations were performed and the associated average power (Tables 25 to 27 and Figure 37 to 44) and average relative bias (Tables 28 to 30 and Figure 45 to 51) were reported.

Table 23. Level-3 small sample sizes by level that did not have a minimum power of 0.80 for conditions 1 - 156.

	Sample Size by Level				Predictor Distribution			Error Variance Distribution		
	Level-1 n	Level-2 g	Level-3 h	Effect Size	Level-1 $N(0,\sigma_A^2)$ σ_A^2	Level-2 $N(0,\sigma_X^2)$ σ_X^2	Level-3 $N(0,\sigma_W^2)$ σ_W^2	Level-1 $N(0,\sigma_e^2)$ σ_e^2	Level-2 $N(0,\sigma_r^2)$ σ_r^2	Level-3 $N(0,\sigma_u^2)$ σ_u^2
1	10	5	3	0.10	1	1	1	4	2	1
2	15	5	3	0.10	1	1	1	4	2	1
3	15	10	5	0.10	1	1	1	4	2	1
4	20	5	3	0.10	1	1	1	4	2	1
5	20	10	5	0.10	1	1	1	4	2	1
6	20	15	10	0.10	1	1	1	4	2	1
7	25	10	5	0.10	1	1	1	4	2	1
8	25	15	5	0.10	1	1	1	4	2	1
9	10	5	3	0.10	1	1	1	4	2	1
10	15	5	3	0.10	1	1	1	4	2	1
11	15	10	5	0.10	1	1	1	4	2	1
12	20	5	3	0.10	1	1	1	4	2	1
13	20	10	5	0.10	1	1	1	4	2	1
14	20	15	10	0.10	1	1	1	4	2	1
15	25	10	5	0.10	1	1	1	4	2	1
16	25	15	5	0.10	1	1	1	4	2	1
17	10	5	3	0.30	1	1	1	4	2	1
18	15	5	3	0.30	1	1	1	4	2	1
19	20	5	3	0.30	1	1	1	4	2	1
20	10	5	3	0.30	1	1	1	4	2	1
21	15	5	3	0.30	1	1	1	4	2	1
22	15	10	5	0.30	1	1	1	1	1	1
23	20	5	3	0.30	1	1	1	1	1	1
24	20	10	5	0.30	1	1	1	1	1	1
25	10	5	3	0.10	1	1	1	1	1	1
26	15	5	3	0.10	1	1	1	1	1	1
27	15	10	5	0.10	1	1	1	1	1	1
28	20	5	3	0.10	1	1	1	1	1	1
29	20	10	5	0.10	1	1	1	1	1	1
30	20	15	10	0.10	1	1	1	1	1	1
31	25	10	5	0.10	1	1	1	1	1	1
32	25	15	5	0.10	1	1	1	1	1	1
33	10	5	3	0.10	1	1	1	1	1	1
34	15	5	3	0.10	1	1	1	1	1	1
35	15	10	5	0.10	1	1	1	1	1	1
36	20	5	3	0.10	1	1	1	1	1	1
37	20	10	5	0.10	1	1	1	1	1	1
38	20	15	10	0.10	1	1	1	1	1	1
39	25	10	5	0.10	1	1	1	1	1	1
40	25	15	5	0.10	1	1	1	1	1	1
41	10	5	3	0.30	1	1	1	1	1	1
42	10	5	3	0.30	1	1	1	2	1	1
43	15	5	3	0.30	1	1	1	2	1	1
44	20	5	3	0.30	1	1	1	2	1	1
45	10	5	3	0.10	1	1	1	2	1	1
46	15	5	3	0.10	1	1	1	2	1	1
47	15	10	5	0.10	1	1	1	2	1	1
48	20	5	3	0.10	1	1	1	2	1	1
49	20	10	5	0.10	1	1	1	2	1	1
50	20	15	10	0.10	1	1	1	2	1	1
51	25	10	5	0.10	1	1	1	2	1	1
52	25	15	5	0.10	1	1	1	2	1	1
53	10	5	3	0.10	1	1	1	2	1	1
54	15	5	3	0.10	1	1	1	2	1	1
55	15	10	5	0.10	1	1	1	2	1	1
56	20	5	3	0.10	1	1	1	2	1	1
57	20	10	5	0.10	1	1	1	2	1	1
58	20	15	10	0.10	1	1	1	2	1	1
59	25	10	5	0.10	1	1	1	2	1	1
60	25	15	5	0.10	1	1	1	2	1	1
61	10	5	3	0.30	1	1	1	2	1	1
62	10	5	3	0.30	0.5	1	1	4	2	1
63	15	5	3	0.30	0.5	1	1	4	2	1
64	20	5	3	0.30	0.5	1	1	4	2	1
65	10	5	3	0.10	0.5	1	1	4	2	1
66	15	5	3	0.10	0.5	1	1	4	2	1
67	15	10	5	0.10	0.5	1	1	4	2	1
68	20	5	3	0.10	0.5	1	1	4	2	1
69	20	10	5	0.10	0.5	1	1	4	2	1
70	20	15	10	0.10	0.5	1	1	4	2	1
71	25	10	5	0.10	0.5	1	1	4	2	1
72	25	15	5	0.10	0.5	1	1	4	2	1
73	10	5	3	0.10	0.5	1	1	4	2	1
74	15	5	3	0.10	0.5	1	1	4	2	1
75	15	10	5	0.10	0.5	1	1	4	2	1
76	20	5	3	0.10	0.5	1	1	4	2	1
77	20	10	5	0.10	0.5	1	1	4	2	1
78	20	15	10	0.10	0.5	1	1	4	2	1
79	25	10	5	0.10	0.5	1	1	4	2	1
80	25	15	5	0.10	0.5	1	1	4	2	1
81	10	5	3	0.30	0.5	1	1	4	2	1
82	15	5	3	0.30	0.5	1	1	4	2	1
83	15	10	5	0.30	0.5	1	1	4	2	1
84	20	5	3	0.30	0.5	1	1	4	2	1
85	10	5	3	0.30	0.5	1	1	4	2	1
86	15	5	3	0.30	0.5	1	1	4	2	1
87	15	10	5	0.30	0.5	1	1	4	2	1
88	20	5	3	0.30	0.5	1	1	4	2	1
89	20	10	5	0.30	0.5	1	1	4	2	1
90	20	15	10	0.30	0.5	1	1	1	1	1
91	25	10	5	0.30	0.5	1	1	1	1	1
92	10	5	3	0.70	0.5	1	1	1	1	1
93	10	5	3	0.10	0.5	1	1	1	1	1
94	15	5	3	0.10	0.5	1	1	1	1	1
95	15	10	5	0.10	0.5	1	1	1	1	1
96	20	5	3	0.10	0.5	1	1	1	1	1
97	20	10	5	0.10	0.5	1	1	1	1	1
98	20	15	10	0.10	0.5	1	1	1	1	1
99	25	10	5	0.10	0.5	1	1	1	1	1
100	25	15	5	0.10	0.5	1	1	1	1	1
101	10	5	3	0.10	0.5	1	1	1	1	1
102	15	5	3	0.10	0.5	1	1	1	1	1
103	15	10	5	0.10	0.5	1	1	1	1	1
104	20	5	3	0.10	0.5	1	1	1	1	1
105	20	10	5	0.10	0.5	1	1	1	1	1
106	20	15	10	0.10	0.5	1	1	1	1	1
107	25	10	5	0.10	0.5	1	1	1	1	1
108	25	15	5	0.10	0.5	1	1	1	1	1
109	10	5	3	0.30	0.5	1	1	1	1	1
110	15	5	3	0.30	0.5	1	1	1	1	1
111	10	5	3	0.30	0.5	1	1	1	1	1
112	15	5	3	0.30	0.5	1	1	2	1	1
113	15	10	5	0.30	0.5	1	1	2	1	1
114	20	5	3	0.30	0.5	1	1	2	1	1
115	10	5	3	0.10	0.5	1	1	2	1	1
116	15	5	3	0.10	0.5	1	1	2	1	1
117	15	10	5	0.10	0.5	1	1	2	1	1
118	20	5	3	0.10	0.5	1	1	2	1	1
119	20	10	5	0.10	0.5	1	1	2	1	1
120	20	15	10	0.10	0.5	1	1	2	1	1
121	25	10	5	0.10	0.5	1	1	2	1	1
122	25	15	5	0.10	0.5	1	1	2	1	1
123	10	5	3	0.10	0.5	1	1	2	1	1
124	15	5	3	0.10	0.5	1	1	2	1	1
125	15	10	5	0.10	0.5	1	1	2	1	1
126	20	5	3	0.10	0.5	1	1	2	1	1
127	20	10	5	0.10	0.5	1	1	2	1	1
128	20	15	10	0.10	0.5	1	1	2	1	1
129	25	10	5	0.10	0.5	1	1	2	1	1
130	25	15	5	0.10	0.5	1	1	2	1	1
131	10	5	3	0.30	0.5	1	1	2	1	1
132	15	5	3	0.30	0.5	1	1	2	1	1
133	20	5	3	0.30	0.5	1	1	2	1	1
134	10	5	3	0.30	0.5	1	1	2	1	1
135	15	5	3	0.30	0.5	1	1	2	1	1
136	15	10	5	0.30	1	0.5	0.5	4	2	1
137	20	5	3	0.30	1	0.5	0.5	4	2	1
138	20	10	5	0.30	1	0.5	0.5	4	2	1
139	10	5	3	0.10	1	0.5	0.5	4	2	1
140	15	5	3	0.10	1	0.5	0.5	4	2	1
141	15	10	5	0.10	1	0.5	0.5	4	2	1
142	20	5	3	0.10	1	0.5	0.5	4	2	1
143	20	10	5	0.10	1	0.5	0.5	4	2	1
144	20	15	10	0.10	1	0.5	0.5	4	2	1
145	25	10	5	0.10	1	0.5	0.5	4	2	1
146	25	15	5	0.10	1	0.5	0.5	4	2	1
147	10	5	3	0.10	1	0.5	0.5	4	2	1
148	15	5	3	0.10	1	0.5	0.5	4	2	1
149	15	10	5	0.10	1	0.5	0.5	4	2	1
150	20	5	3	0.10	1	0.5	0.5	4	2	1
151	20	10	5	0.10	1	0.5	0.5	4	2	1
152	20	15	10	0.10	1	0.5	0.5	4	2	1
153	25	10	5	0.10	1	0.5	0.5	4	2	1
154	25	15	5	0.10	1	0.5	0.5	4	2	1
155	10	5	3	0.30	1	0.5	0.5	4	2	1
156	15	5	3	0.30	1	0.5	0.5	4	2	1

Table 24. Level-3 small sample sizes by level that did not have a minimum power of 0.80 for conditions 157 - 236.

	Sample Size by Level				Predictor Distribution			Error Variance Distribution		
	Level-1 n	Level-2 g	Level-3 h	Effect Size	Level-1 $N(0,\sigma_A^2)$ σ_A^2	Level-2 $N(0,\sigma_X^2)$ σ_X^2	Level-3 $N(0,\sigma_W^2)$ σ_W^2	Level-1 $N(0,\sigma_e^2)$ σ_e^2	Level-2 $N(0,\sigma_r^2)$ σ_r^2	Level-3 $N(0,\sigma_u^2)$ σ_u^2
157	15	10	5	0.30	1	0.5	0.5	4	2	1
158	20	5	3	0.30	1	0.5	0.5	4	2	1
159	20	10	5	0.30	1	0.5	0.5	4	2	1
160	20	15	10	0.30	1	0.5	0.5	4	2	1
161	25	10	5	0.30	1	0.5	0.5	4	2	1
162	25	15	5	0.30	1	0.5	0.5	4	2	1
163	10	5	3	0.30	1	0.5	0.5	4	2	1
164	15	5	3	0.30	1	0.5	0.5	4	2	1
165	15	10	5	0.30	1	0.5	0.5	4	2	1
166	20	5	3	0.30	1	0.5	0.5	4	2	1
167	20	10	5	0.30	1	0.5	0.5	4	2	1
168	20	15	10	0.30	1	0.5	0.5	4	2	1
169	25	10	5	0.30	1	0.5	0.5	4	2	1
170	25	15	5	0.30	1	0.5	0.5	4	2	1
171	10	5	3	0.70	1	0.5	0.5	4	2	1
172	10	5	3	0.70	1	0.5	0.5	1	1	1
173	15	5	3	0.70	1	0.5	0.5	1	1	1
174	20	5	3	0.70	1	0.5	0.5	1	1	1
175	10	5	3	0.10	1	0.5	0.5	1	1	1
176	15	5	3	0.10	1	0.5	0.5	1	1	1
177	15	10	5	0.10	1	0.5	0.5	1	1	1
178	20	5	3	0.10	1	0.5	0.5	1	1	1
179	20	10	5	0.10	1	0.5	0.5	1	1	1
180	20	15	10	0.10	1	0.5	0.5	1	1	1
181	25	10	5	0.10	1	0.5	0.5	1	1	1
182	25	15	5	0.10	1	0.5	0.5	1	1	1
183	10	5	3	0.10	1	0.5	0.5	1	1	1
184	15	5	3	0.10	1	0.5	0.5	1	1	1
185	15	10	5	0.10	1	0.5	0.5	1	1	1
186	20	5	3	0.10	1	0.5	0.5	1	1	1
187	20	10	5	0.10	1	0.5	0.5	1	1	1
188	20	15	10	0.10	1	0.5	0.5	1	1	1
189	25	10	5	0.10	1	0.5	0.5	1	1	1
190	25	15	5	0.10	1	0.5	0.5	1	1	1
191	10	5	3	0.30	1	0.5	0.5	1	1	1
192	15	5	3	0.30	1	0.5	0.5	1	1	1
193	15	10	5	0.30	1	0.5	0.5	1	1	1
194	20	5	3	0.30	1	0.5	0.5	1	1	1
195	20	10	5	0.30	1	0.5	0.5	1	1	1
196	10	5	3	0.30	1	0.5	0.5	1	1	1
197	15	5	3	0.30	1	0.5	0.5	1	1	1
198	15	10	5	0.30	1	0.5	0.5	1	1	1
199	20	5	3	0.30	1	0.5	0.5	1	1	1
200	20	10	5	0.30	1	0.5	0.5	1	1	1
201	20	15	10	0.30	1	0.5	0.5	1	1	1
202	25	10	5	0.30	1	0.5	0.5	1	1	1
203	25	15	5	0.30	1	0.5	0.5	2	1	1
204	10	5	3	0.70	1	0.5	0.5	2	1	1
205	15	5	3	0.70	1	0.5	0.5	2	1	1
206	10	5	3	0.10	1	0.5	0.5	2	1	1
207	15	5	3	0.10	1	0.5	0.5	2	1	1
208	15	10	5	0.10	1	0.5	0.5	2	1	1
209	20	5	3	0.10	1	0.5	0.5	2	1	1
210	20	10	5	0.10	1	0.5	0.5	2	1	1
211	20	15	10	0.10	1	0.5	0.5	2	1	1
212	25	10	5	0.10	1	0.5	0.5	2	1	1
213	25	15	5	0.10	1	0.5	0.5	2	1	1
214	10	5	3	0.10	1	0.5	0.5	2	1	1
215	15	5	3	0.10	1	0.5	0.5	2	1	1
216	15	10	5	0.10	1	0.5	0.5	2	1	1
217	20	5	3	0.10	1	0.5	0.5	2	1	1
218	20	10	5	0.10	1	0.5	0.5	2	1	1
219	20	15	10	0.10	1	0.5	0.5	2	1	1
220	25	10	5	0.10	1	0.5	0.5	2	1	1
221	25	15	5	0.10	1	0.5	0.5	2	1	1
222	10	5	3	0.30	1	0.5	0.5	2	1	1
223	15	5	3	0.30	1	0.5	0.5	2	1	1
224	15	10	5	0.30	1	0.5	0.5	2	1	1
225	20	5	3	0.30	1	0.5	0.5	2	1	1
226	20	10	5	0.30	1	0.5	0.5	2	1	1
227	10	5	3	0.30	1	0.5	0.5	2	1	1
228	15	5	3	0.30	1	0.5	0.5	2	1	1
229	15	10	5	0.30	1	0.5	0.5	2	1	1
230	20	5	3	0.30	1	0.5	0.5	2	1	1
231	20	10	5	0.30	1	0.5	0.5	2	1	1
232	20	15	10	0.30	1	0.5	0.5	2	1	1
233	25	10	5	0.30	1	0.5	0.5	2	1	1
234	25	15	5	0.30	1	0.5	0.5	2	1	1
235	10	5	3	0.70	1	0.5	0.5	2	1	1
236	15	5	3	0.70	1	0.5	0.5	2	1	1

The Level-3 intercept parameters ($\gamma_{000}, \gamma_{100}, \gamma_{010}, \gamma_{110}$) with small sample sizes and initial error variance $\sigma_e^2 = 1.0$ that did not have a minimum sufficient power of 0.80 (Tables 23 to 24), achieved sufficient power when re-sampled between 50 to 100 sample sizes at each level for large effect size 0.7 (Tables 25 to 27 and Figures 37,41,39,43): left-hand side in green), and for initial error variance $\sigma_e^2 = 2.0$ 30 re-sampled sample sizes at each level for effect size 0.7 (Tables 25 to 27 and Figures 37,41,39,43): right-hand side in green).

For medium effect size 0.3, the Level-3 intercept parameter γ_{000} (Figure 37: in blue), had an average power of 0.51 and did not achieve minimum sufficient power of 0.80 when re-sampled to 200 samples at each level for initial error variance $\sigma_e^2 = 1.0$ (Tables 25 to 27 and Figure 37: left-hand side in blue). Whereas, the Level-3 intercept parameters $\gamma_{100}, \gamma_{010}, \gamma_{110}, \gamma_{100}$ (Tables 25 to 27 and Figures 41,39,43,41: in blue), achieved sufficient power of 0.80 when re-sampled to 100 sample sizes at each level for initial error variance $\sigma_e^2 = 2.0$.

Similar to the Level-2 intercept parameters, the Level-3 intercept parameters with small sample sizes that did not have a minimum power of 0.80 still did not achieve minimum sufficient power for small effect size 0.1 and initial error variance $\sigma_e^2 = 1.0$ and 2.0 (Tables 25 to 27 and Figures 37,39,49,43: in black). When small sample sizes were re-sampled to 100 sample sizes at each level, the maximum power for Level-3 intercept parameters was less than 0.20.

The Level-3 slope parameters $\gamma_{001}, \gamma_{101}, \gamma_{011}, \gamma_{111}$ with small sample sizes and initial error variance $\sigma_e^2 = 1.0$ that did not have a minimum sufficient power of 0.80 (Tables 25 to 27), had an average power of 0.70 and did not achieve sufficient power when re-sampled to 200 samples at each level for large effect size 0.7 (Tables 25 to 27 and not shown in figures). For initial error variance $\sigma_e^2 = 2.0$ and predictor variances $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$, 200 re-sampled sample sizes at each level for effect size 0.7 were required for sufficient power of 0.80, for predictor variances $\sigma_A^2 = 0.5$ and $\sigma_X^2 = \sigma_W^2 = 1.0$, 50 re-sampled sample sizes at each level for effect size 0.7 were required for sufficient power of 0.80, and for $\sigma_A^2 = 1.0$ and $\sigma_X^2 = \sigma_W^2 = 0.5$, 100 re-sampled sample sizes at each level for effect size 0.7

were required to achieve minimum sufficient power of 0.80. That is, when predictor variance at the team and unit levels (Level-2 and Level-3) is considered half that of the individual level (Level-1), the number of sample sizes per level decreased. And the number of sample sizes required for the re-sampling to achieve sufficient power per level decreased even more when predictor variance at the individual level (Level-1) was considered half that of the team and unit level (Level-2 and Level-3).

For medium effect size 0.3, the Level-3 slope parameters had an average power of 0.75 and did not achieve minimum sufficient power of 0.80 when re-sampled to 200 samples at each level for initial error variance $\sigma_e^2 = 1.0$. Whereas, 200 re-sampled samples at each level were required for initial error variance $\sigma_e^2 = 2.0$ to achieve sufficient power of 0.80 (Tables 25 to 27 and Figures 38,40,42,44: left-hand side in blue).

The Level-2 slope parameters with small sample sizes that did not have a minimum power of 0.80 still did not achieve minimum sufficient power for small effect size 0.1 and initial error variance $\sigma_e^2 = 1.0, 2.0$, even when re-sampled to 200 samples at each level (Tables 25 to 27 and Figures 38,40,42,44: in black).

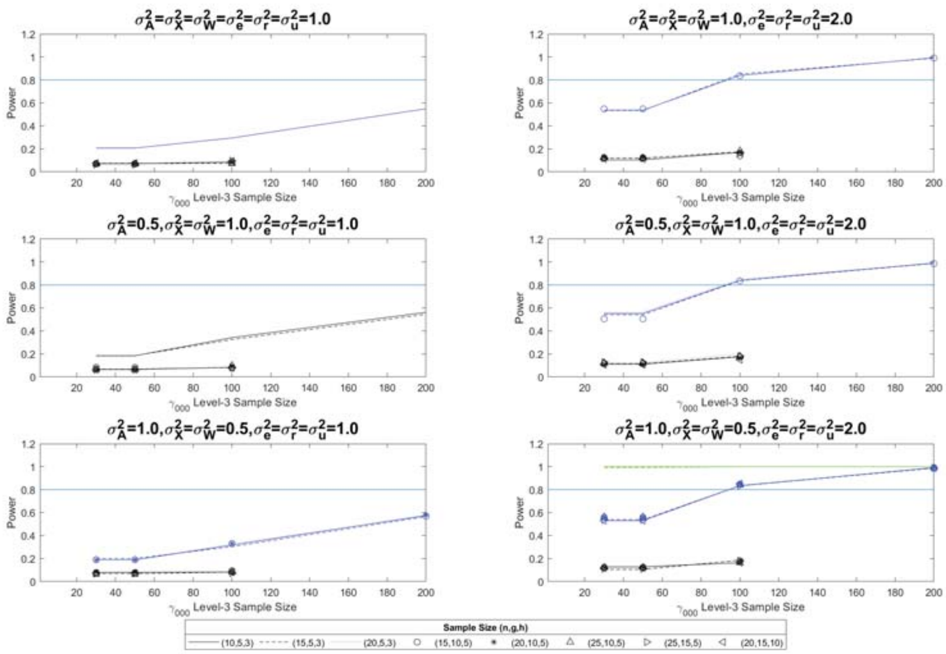

Figure 37. Level-3 γ_{000} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

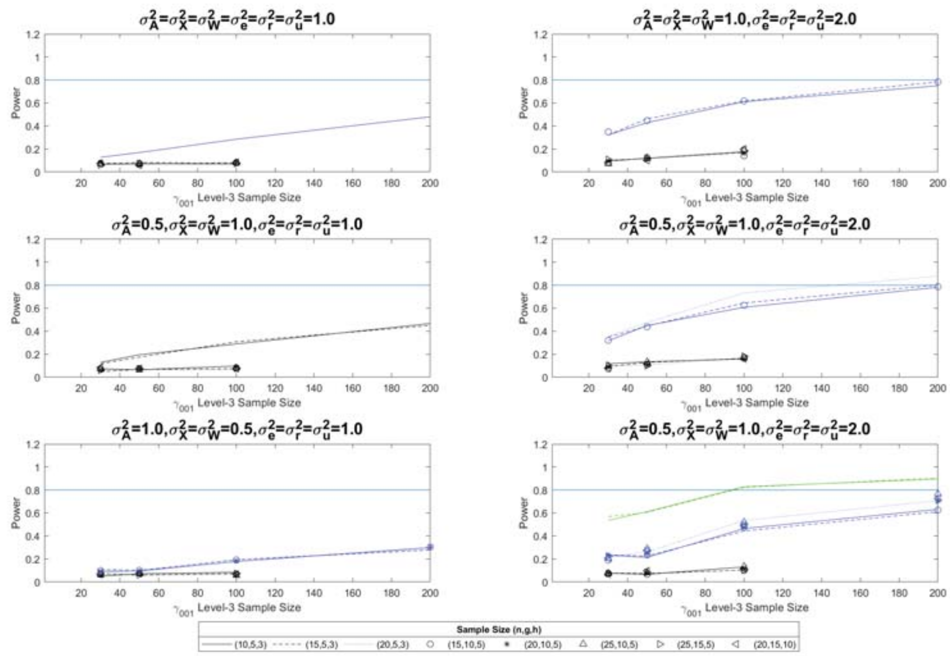

Figure 38. Level-3 γ_{001} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

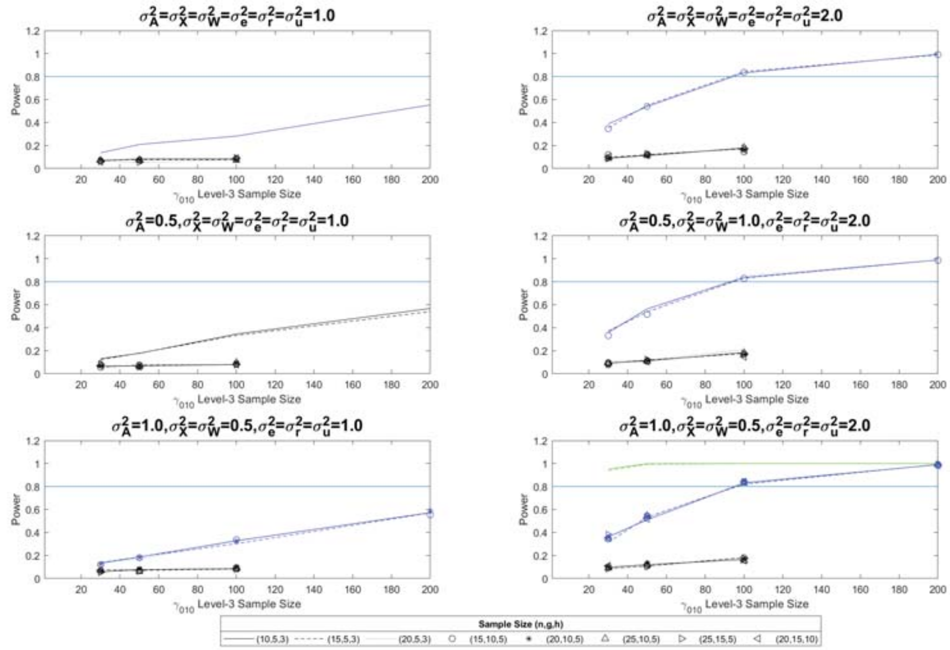

Figure 39. Level-3 γ_{010} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

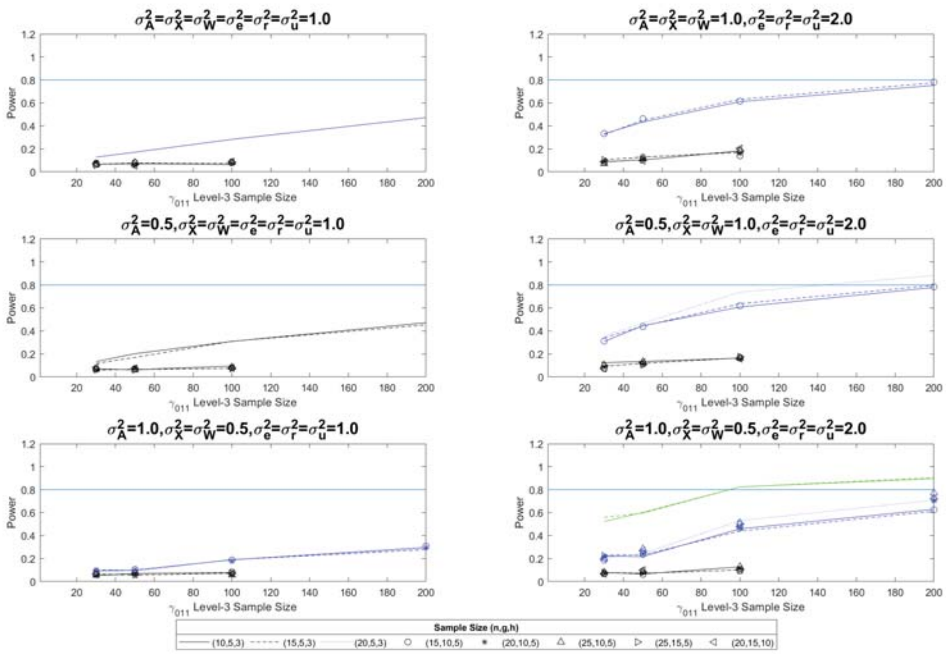

Figure 40. Level-3 γ_{011} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

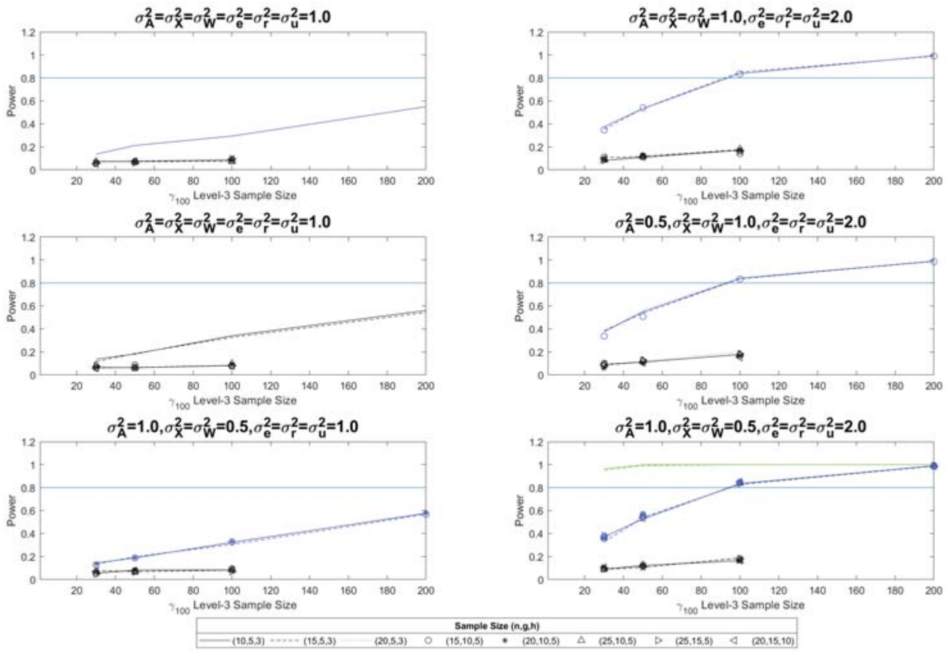

Figure 41. Level-3 γ_{100} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

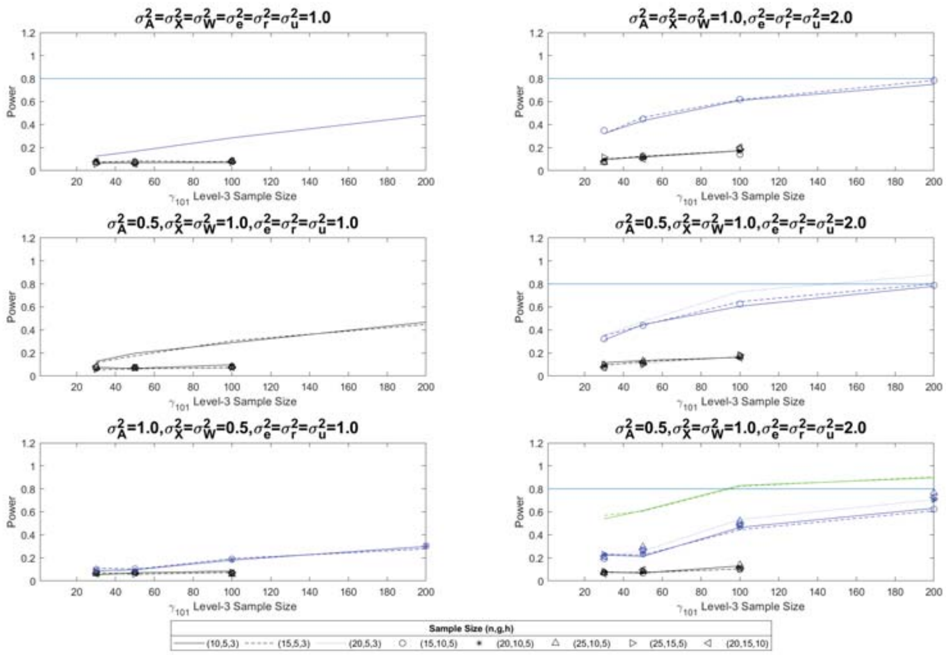

Figure 42. Level-3 γ_{101} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

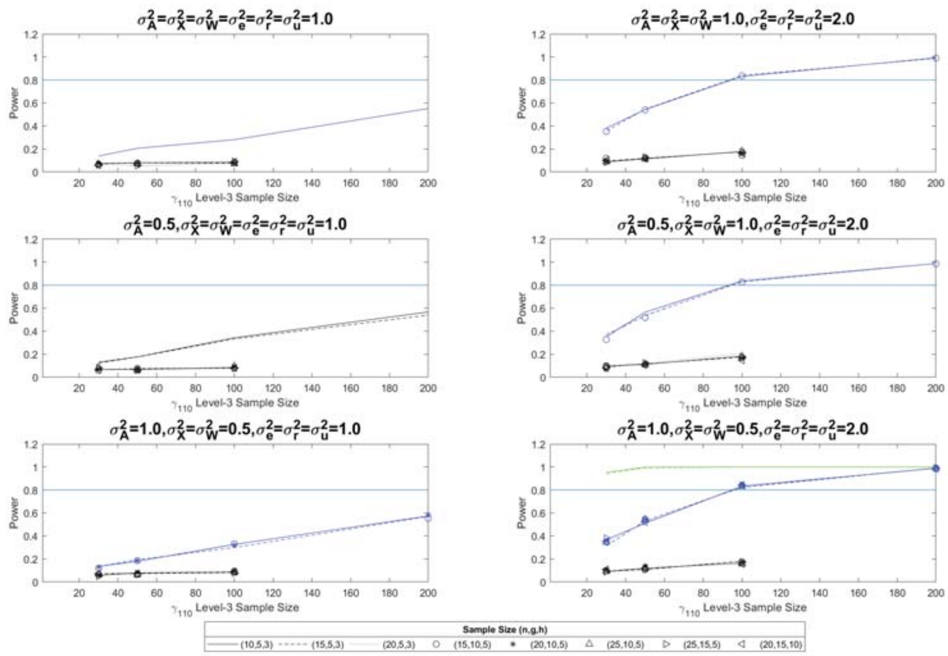

Figure 43. Level-3 γ_{110} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

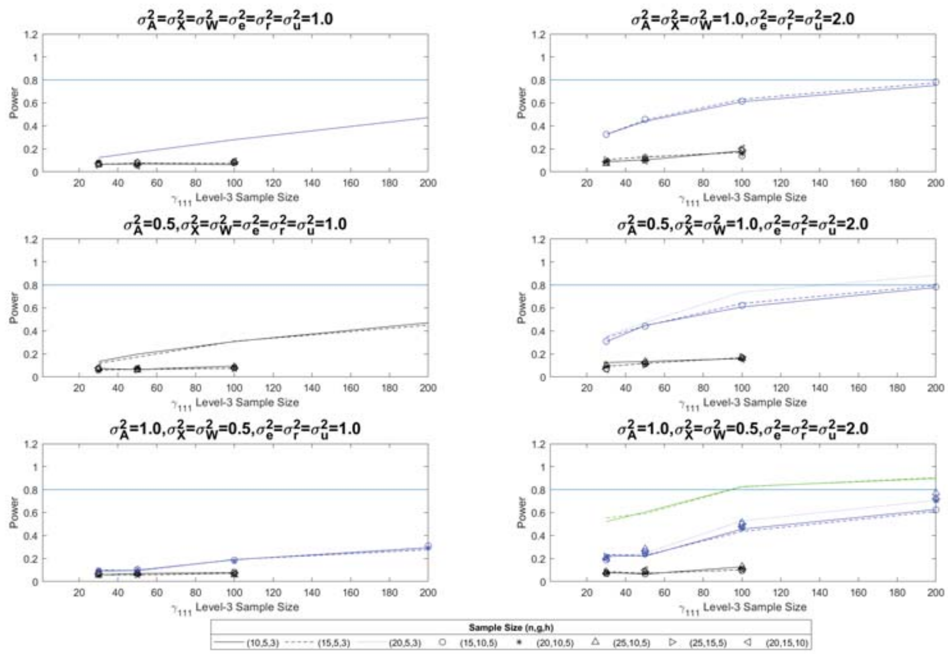

Figure 44. Level-3 γ_{111} re-sampled sample size power results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios with initial error variance $\sigma_e^2 = \sigma_r^2 = 1$ such that $\sigma_A^2 = \sigma_X^2 = \sigma_X^2 = 1.0$ (top), $\sigma_A^2 = 0.5$, $\sigma_X^2 = \sigma_X^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$, $\sigma_X^2 = \sigma_X^2 = 0.5$ (bottom).

Table 25. Average power values for Level-3 parameters based on the re-sampled sample sizes for conditions 1 - 75. Minimum power between 0.80 and 0.90 highlighted in light green and greater than 0.90 highlighted in dark green.

Level-3 Parameter Power																																	
	Effect Size	γ_{000}				γ_{001}				γ_{010}				γ_{011}				γ_{100}				γ_{101}				γ_{110}				γ_{111}			
1	0.1	0.07	0.07	0.08		0.07	0.06	0.08		0.08	0.07	0.08		0.07	0.06	0.09		0.08	0.07	0.08		0.07	0.06	0.08		0.08	0.07	0.08		0.07	0.06	0.09	
2	0.1	0.09	0.09	0.08		0.06	0.07	0.07		0.07	0.08	0.09		0.06	0.07	0.08		0.08	0.09	0.08		0.06	0.07	0.07		0.07	0.08	0.09		0.06	0.07	0.08	
3	0.1	0.07	0.07	0.08		0.07	0.08	0.09		0.07	0.08	0.08		0.07	0.07	0.09		0.06	0.07	0.08		0.07	0.08	0.09		0.07	0.08	0.08		0.07	0.07	0.09	
4	0.1	0.07	0.07	0.09		0.07	0.08	0.09		0.07	0.07	0.08		0.07	0.08	0.08		0.08	0.07	0.09		0.07	0.08	0.09		0.07	0.08	0.08		0.07	0.08	0.08	
5	0.1	0.08	0.08	0.07		0.07	0.07	0.08		0.06	0.07	0.07		0.07	0.08	0.08		0.06	0.08	0.07		0.07	0.07	0.08		0.06	0.08	0.07		0.07	0.07	0.08	
6	0.1	0.07	0.07	0.09		0.05	0.06	0.07		0.06	0.06	0.09		0.06	0.07	0.07		0.06	0.07	0.09		0.05	0.06	0.07		0.06	0.07	0.09		0.06	0.07	0.07	
7	0.1	0.07	0.07	0.08		0.08	0.06	0.08		0.05	0.07	0.08		0.07	0.06	0.08		0.07	0.06	0.08		0.08	0.06	0.08		0.06	0.07	0.08		0.07	0.05	0.08	
8	0.1	0.08	0.08	0.07		0.06	0.08	0.07		0.06	0.07	0.08		0.06	0.09	0.08		0.06	0.08	0.07		0.06	0.08	0.07		0.06	0.07	0.08		0.06	0.08	0.08	
9	0.1	0.11	0.11	0.15		0.09	0.11	0.16		0.08	0.11	0.14		0.10	0.11	0.16		0.09	0.11	0.15		0.09	0.11	0.16		0.08	0.11	0.14		0.09	0.11	0.16	
10	0.1	0.12	0.12	0.18		0.09	0.10	0.19		0.10	0.12	0.17		0.09	0.11	0.19		0.09	0.12	0.17		0.10	0.10	0.19		0.09	0.12	0.17		0.10	0.11	0.20	
11	0.1	0.11	0.11	0.18		0.09	0.12	0.17		0.09	0.12	0.17		0.09	0.11	0.17		0.09	0.12	0.18		0.08	0.12	0.17		0.09	0.12	0.17		0.09	0.11	0.17	
12	0.1	0.11	0.11	0.18		0.09	0.11	0.18		0.09	0.11	0.18		0.09	0.12	0.18		0.09	0.11	0.18		0.09	0.11	0.18		0.09	0.11	0.17		0.09	0.11	0.19	
13	0.1	0.11	0.11	0.18		0.10	0.12	0.16		0.09	0.11	0.17		0.10	0.12	0.16		0.10	0.11	0.18		0.10	0.12	0.16		0.09	0.11	0.17		0.10	0.12	0.16	
14	0.1	0.10	0.10	0.19		0.10	0.12	0.16		0.11	0.10	0.18		0.09	0.11	0.16		0.10	0.11	0.19		0.09	0.12	0.16		0.11	0.10	0.18		0.08	0.12	0.16	
15	0.1	0.10	0.10	0.18		0.10	0.12	0.16		0.11	0.11	0.18		0.10	0.12	0.16		0.11	0.10	0.18		0.10	0.12	0.16		0.11	0.11	0.18		0.10	0.12	0.16	
16	0.1	0.10	0.10	0.17		0.10	0.12	0.18		0.09	0.10	0.17		0.09	0.12	0.18		0.08	0.10	0.18		0.10	0.13	0.18		0.09	0.10	0.17		0.08	0.12	0.18	
17	0.3	0.20	0.20	0.33	0.59	0.14	0.18	0.28	0.45	0.13	0.20	0.34	0.58	0.13	0.18	0.27	0.45	0.13	0.20	0.33	0.59	0.13	0.18	0.28	0.44	0.13	0.20	0.34	0.58	0.13	0.19	0.27	0.45
18	0.3	0.18	0.18	0.28	0.57	0.14	0.15	0.31	0.45	0.13	0.18	0.29	0.57	0.13	0.16	0.31	0.45	0.15	0.18	0.28	0.57	0.14	0.15	0.30	0.45	0.14	0.17	0.29	0.57	0.13	0.16	0.31	0.45
19	0.3	0.17	0.17	0.33	0.58	0.14	0.19	0.29	0.46	0.13	0.16	0.31	0.56	0.14	0.19	0.29	0.47	0.13	0.17	0.33	0.58	0.14	0.20	0.29	0.46	0.13	0.16	0.31	0.57	0.14	0.19	0.29	0.47
20	0.3	0.56	0.56	0.85	0.99	0.32	0.46	0.61	0.79	0.36	0.56	0.85	0.99	0.31	0.45	0.60	0.79	0.37	0.56	0.85	0.99	0.31	0.46	0.61	0.79	0.36	0.56	0.85	0.99	0.31	0.45	0.61	0.79
21	0.3	0.54	0.54	0.83	0.99	0.31	0.46	0.61	0.75	0.35	0.55	0.84	0.99	0.30	0.45	0.60	0.75	0.36	0.55	0.83	0.99	0.30	0.46	0.61	0.75	0.35	0.55	0.84	0.99	0.30	0.45	0.60	0.75
22	0.3	0.54	0.54	0.84	0.99	0.33	0.47	0.74	0.89	0.35	0.54	0.84	0.99	0.33	0.47	0.73	0.89	0.37	0.54	0.84	0.99	0.33	0.47	0.74	0.89	0.35	0.54	0.84	0.99	0.33	0.47	0.73	0.89
23	0.3	0.55	0.55	0.85	0.99	0.31	0.44	0.64	0.79	0.38	0.54	0.86	0.99	0.31	0.44	0.63	0.79	0.38	0.54	0.85	0.99	0.31	0.44	0.64	0.79	0.39	0.54	0.85	0.99	0.32	0.44	0.63	0.79
24	0.3	0.55	0.55	0.84	0.99	0.35	0.48	0.71	0.87	0.35	0.53	0.84	0.99	0.35	0.48	0.70	0.87	0.35	0.54	0.84	0.99	0.36	0.48	0.71	0.87	0.35	0.53	0.83	0.99	0.35	0.48	0.71	0.87
25	0.1	0.07	0.07	0.09		0.07	0.07	0.07		0.07	0.08	0.08		0.07	0.07	0.06		0.07	0.08	0.09		0.07	0.07	0.07		0.07	0.08	0.08		0.07	0.07	0.06	
26	0.1	0.08	0.08	0.07		0.07	0.08	0.08		0.07	0.08	0.08		0.07	0.08	0.07		0.07	0.07	0.07		0.07	0.08	0.08		0.07	0.08	0.08		0.07	0.08	0.07	
27	0.1	0.06	0.06	0.08		0.06	0.07	0.09		0.07	0.05	0.08		0.07	0.07	0.08		0.08	0.06	0.08		0.06	0.07	0.08		0.07	0.05	0.08		0.07	0.07	0.08	
28	0.1	0.07	0.07	0.08		0.08	0.08	0.08		0.07	0.07	0.08		0.08	0.08	0.08		0.06	0.07	0.08		0.08	0.08	0.08		0.06	0.08	0.08		0.08	0.08	0.08	
29	0.1	0.07	0.07	0.08		0.08	0.05	0.08		0.07	0.07	0.08		0.08	0.05	0.08		0.07	0.07	0.08		0.09	0.05	0.08		0.07	0.07	0.08		0.08	0.05	0.08	
30	0.1	0.07	0.07	0.07		0.07	0.07	0.08		0.07	0.08	0.07		0.06	0.08	0.08		0.07	0.07	0.07		0.07	0.07	0.08		0.07	0.07	0.07		0.06	0.08	0.08	
31	0.1	0.06	0.06	0.10		0.06	0.07	0.07		0.06	0.06	0.09		0.06	0.07	0.08		0.06	0.06	0.10		0.06	0.07	0.07		0.06	0.06	0.09		0.06	0.07	0.08	
32	0.1	0.08	0.08	0.09		0.07	0.06	0.08		0.06	0.07	0.09		0.07	0.05	0.09		0.05	0.08	0.09		0.08	0.06	0.08		0.06	0.07	0.09		0.07	0.05	0.09	
33	0.1	0.10	0.10	0.17		0.10	0.12	0.17		0.09	0.11	0.18		0.09	0.10	0.18		0.08	0.11	0.17		0.10	0.12	0.17		0.09	0.11	0.18		0.09	0.10	0.18	
34	0.1	0.12	0.12	0.18		0.10	0.12	0.17		0.10	0.12	0.17		0.11	0.13	0.17		0.11	0.12	0.18		0.10	0.12	0.17		0.10	0.12	0.18		0.11	0.13	0.17	
35	0.1	0.12	0.12	0.17		0.09	0.12	0.18		0.08	0.12	0.17		0.08	0.13	0.18		0.08	0.13	0.17		0.09	0.12	0.18		0.08	0.12	0.17		0.07	0.13	0.17	
36	0.1	0.12	0.12	0.14		0.08	0.13	0.14		0.12	0.12	0.15		0.08	0.13	0.14		0.11	0.12	0.14		0.08	0.13	0.14		0.12	0.12	0.15		0.08	0.13	0.14	
37	0.1	0.13	0.13	0.17		0.10	0.12	0.16		0.09	0.11	0.16		0.09	0.11	0.16		0.09	0.13	0.17		0.09	0.11	0.17		0.09	0.11	0.16		0.09	0.11	0.16	
38	0.1	0.12	0.12	0.18		0.07	0.12	0.19		0.09	0.11	0.18		0.07	0.12	0.19		0.09	0.12	0.18		0.07	0.12	0.19		0.09	0.11	0.18		0.07	0.11	0.19	
39	0.1	0.12	0.12	0.16		0.11	0.12	0.19		0.09	0.13	0.17		0.10	0.11	0.18		0.08	0.12	0.16		0.11	0.11	0.19		0.09	0.13	0.17		0.10	0.10	0.19	
40	0.1	0.11	0.11	0.17		0.08	0.10	0.20		0.10	0.12	0.17		0.09	0.10	0.20		0.10	0.11	0.17		0.08	0.10	0.20		0.10	0.12	0.16		0.09	0.10	0.20	
41	0.3	0.21	0.21	0.30	0.55	0.13	0.17	0.29	0.48	0.14	0.21	0.28	0.55	0.13	0.17	0.28	0.47	0.14	0.21	0.29	0.55	0.13	0.17	0.29	0.48	0.14	0.21	0.28	0.55	0.12	0.17	0.28	0.47
42	0.3	0.54	0.54	0.84	0.99	0.32	0.43	0.61	0.75	0.39	0.54	0.83	0.99	0.33	0.43	0.61	0.75	0.38	0.53	0.84	0.99	0.32	0.43	0.61	0.75	0.38	0.54	0.83	0.99	0.33	0.44	0.61	0.75
43	0.3	0.53	0.53	0.85	0.99	0.32	0.46	0.62	0.78	0.35	0.55	0.84	0.99	0.32	0.45	0.63	0.78	0.35	0.53	0.85	0.99	0.32	0.46	0.62	0.78	0.36	0.55	0.84	0.99	0.33	0.45	0.63	0.78
44	0.3	0.55	0.55	0.84	0.99	0.35	0.45	0.62	0.78	0.35	0.54	0.84	0.99	0.33	0.46	0.62	0.78	0.35	0.54	0.84	0.99	0.35	0.45	0.62	0.78	0.35	0.54	0.84	0.99	0.33	0.46	0.62	0.78
45	0.1	0.08	0.08	0.08		0.05	0.07	0.10		0.07	0.08	0.08		0.05	0.07	0.10		0.06	0.08	0.08		0.05	0.07	0.10		0.07	0.08	0.08		0.05	0.08	0.10	
46	0.1	0.07	0.07	0.07		0.07	0.07	0.09		0.07	0.08	0.07		0.06	0.07	0.09		0.07	0.08	0.07		0.06	0.07	0.09		0.07	0.08	0.07		0.06	0.07	0.09	
47	0.1	0.06	0.06	0.08		0.07	0.06	0.09		0.07	0.06	0.07		0.06	0.07	0.09		0.07	0.06	0.08		0.07	0.06	0.09		0.07	0.06	0.07		0.06	0.07	0.09	
48	0.1	0.07	0.07	0.09		0.07	0.07	0.08		0.06	0.06	0.09		0.08	0.07	0.08		0.06	0.07	0.09		0.07	0.07	0.08		0.06	0.06	0.09		0.08	0.07	0.08	
49	0.1	0.09	0.09	0.08		0.07	0.08	0.09		0.05	0.08	0.08		0.07	0.08	0.09		0.06	0.09	0.08		0.06	0.08	0.09		0.05	0.08	0.08		0.06	0.08	0.08	
50	0.1	0.07	0.07	0.08		0.08	0.08	0.08		0.07	0.07	0.09		0.07	0.08	0.08		0.07	0.07	0.08		0.08	0.08	0.08		0.07	0.07	0.09		0.08	0.08	0.08	
51	0.1	0.06	0.06	0.09		0.07	0.06	0.09		0.06	0.07	0.09		0.07	0.07	0.09		0.07	0.06	0.09		0.06	0.06	0.09		0.06	0.06	0.09		0.06	0.07	0.09	
52	0.1	0.08	0.08	0.08		0.07	0.08	0.08		0.06	0.06	0.08		0.07	0.08	0.08		0.06	0.08	0.08		0.07	0.08	0.08		0.06	0.06	0.08		0.07	0.08	0.08	
53	0.1	0.12	0.12	0.18		0.09	0.11	0.19		0.09	0.12	0.18		0.09	0.11	0.19		0.08	0.13	0.18		0.09	0.11	0.19		0.09	0.12	0.18		0.09	0.11	0.19	
54	0.1	0.12	0.12	0.17		0.08	0.11	0.16		0.09	0.12	0.17		0.09	0.11	0.16		0.09	0.12	0.17		0.09	0.11	0.16		0.09	0.12	0.17		0.09	0.11	0.17	
55	0.1	0.12	0.12	0.17		0.09	0.11	0.16		0.09	0.12	0.16		0.10	0.11	0.16		0.09	0.11	0.16		0.09	0.11	0.16		0.09	0.11	0.16		0.10	0.12	0.16	
56	0.1	0.14	0.14	0.16		0.10	0.10	0.18		0.10	0.14	0.16		0.09	0.10	0.18		0.10	0.14	0.16		0.11	0.10	0.18		0.10	0.14	0.16		0.09	0.10	0.17	
57	0.1	0.11	0.11	0.17		0.09	0.11	0.18		0.10	0.11	0.17		0.09	0.12	0.16		0.09	0.11	0.17		0.09	0.11	0.18		0.10	0.11	0.17		0.09	0.12	0.16	
58	0.1	0.09	0.09	0.17		0.08	0.12	0.17		0.09	0.10	0.16		0.09	0.11	0.18		0.09	0.10	0.16		0.08	0.12	0.18		0.09	0.09	0.16		0.09	0.11	0.18	
59	0.1	0.12	0.12	0.17		0.09	0.10	0.16		0.09	0.12	0.17		0.09	0.10	0.17		0.08	0.12	0.17		0.10	0.10	0.16		0.09	0.11	0.17		0.09	0.10	0.17	
60	0.1	0.10	0.10	0.19		0.09	0.12	0.19		0.09	0.11	0.18		0.09	0.12	0.19		0.08	0.10	0.19		0.09	0.12	0.19		0.09	0.11	0.18		0.09	0.12	0.19	
61	0.3	0.18	0.18	0.31	0.55	0.12	0.21	0.30	0.46	0.14	0.19	0.31	0.55	0.12	0.20	0.30	0.46	0.13	0.18	0.31	0.55	0.12	0.21	0.30	0.46	0.14	0.19	0.31	0.55	0.12	0.20	0.30	0.46
62	0.3	0.55	0.55	0.83	0.98	0.32	0.45	0.64	0.78	0.36	0.55	0.82	0.98	0.32	0.46	0.64	0.79	0.35	0.55	0.83	0.98	0.32	0.46	0.64	0.78	0.36	0.55	0.82	0.98	0.33	0.46	0.64	0.79
63	0.3	0.56	0.56	0.85	0.99	0.35	0.42	0.64	0.78	0.37	0.57	0.84	0.99	0.35	0.44	0.65	0.77	0.37	0.57	0.85	0.99	0.35	0.42	0.64	0.77	0.37	0.57	0.85	0.99	0.35	0.44	0.65	0.77
64	0.3	0.54	0.54	0.85	0.99	0.34	0.44	0.65	0.81	0.38	0.54	0.84	0.99	0.34	0.43	0.65	0.81	0.39	0.55	0.85	0.99	0.34	0.43	0.65	0.81	0.38	0.54	0.84	0.99	0.34	0.43	0.65	0.81
65	0.1	0.08	0.08	0.08		0.07	0.07	0.07		0.07	0.07	0.08		0.06	0.07	0.08		0.07	0.08	0.08		0.06	0.07	0.07		0.07	0.07	0.08		0.06	0.07	0.08	
66	0.1	0.05	0.05	0.08		0.06	0.07	0.09		0.08	0.05	0.08		0.05	0.08	0.09		0.09	0.05	0.08		0.06	0.07	0.09		0.08	0.05	0.08		0.05	0.08	0.09	
67	0.1	0.07	0.07	0.07		0.09	0.06	0.07		0.07	0.08	0.08		0.08	0.06	0.08		0.09	0.07	0.07		0.09	0.06	0.07		0.07	0.08	0.08		0.08	0.06	0.08	
68	0.1	0.07	0.07	0.08		0.08	0.06	0.08		0.08	0.07	0.09		0.08	0.07	0.08		0.08	0.07	0.08		0.07	0.06	0.08		0.08	0.07	0.09		0.08	0.07	0.08	
69	0.1	0.07	0.07	0.08		0.08	0.07	0.09		0.06	0.07	0.08		0.07	0.05	0.08		0.07	0.07	0.08		0.08	0.06	0.09		0.06	0.07	0.08		0.07	0.06	0.09	
70	0.1	0.08	0.08	0.08		0.08	0.08	0.09		0.07	0.08	0.08		0.08	0.08	0.09		0.07	0.08	0.08		0.08	0.08	0.08		0.07	0.08	0.08		0.08	0.07	0.09	
71	0.1	0.06	0.06	0.07		0.06	0.06	0.07		0.07	0.06	0.07		0.06	0.06	0.07		0.07	0.06	0.07		0.06	0.06	0.07		0.07	0.06	0.07		0.05	0.07	0.07	
72	0.1	0.07	0.07	0.09		0.08	0.07	0.08		0.07	0.07	0.09		0.08	0.07	0.09		0.07	0.07	0.09		0.07	0.07	0.08		0.07	0.07	0.09		0.08	0.07	0.09	
73	0.1	0.11	0.11	0.20		0.10	0.11	0.16		0.09	0.11	0.19		0.10	0.12	0.16		0.10	0.12	0.19		0.09	0.11	0.16		0.09	0.11	0.19		0.10	0.12	0.16	
74	0.1	0.12	0.12	0.18		0.10	0.10	0.17		0.10	0.12	0.18		0.11	0.10	0.17		0.09	0.12	0.17		0.10	0.10	0.17		0.10	0.12	0.18		0.11	0.10	0.18	
75	0.1	0.12	0.12	0.17		0.10	0.11	0.17		0.09	0.12	0.17		0.11	0.10	0.17		0.09	0.12	0.17		0.10	0.10	0.17		0.09	0.12	0.17		0.11	0.10	0.17	

Table 26. Average power values for Level-3 parameters based on the re-sampled sample sizes for conditions 76 - 150. Minimum power between 0.80 and 0.90 highlighted in light green and greater than 0.90 highlighted in dark green.

Level-3 Parameter Power																																	
	Effect Size	γ_{000}				γ_{001}				γ_{010}				γ_{011}				γ_{100}				γ_{101}				γ_{110}				γ_{111}			
76	0.1	0.14	0.14	0.17		0.07	0.10	0.18		0.10	0.13	0.17		0.09	0.12	0.17		0.10	0.14	0.17		0.07	0.10	0.18		0.10	0.13	0.17		0.09	0.11	0.18	
77	0.1	0.11	0.11	0.18		0.09	0.11	0.16		0.09	0.10	0.18		0.08	0.11	0.16		0.08	0.11	0.17		0.09	0.12	0.15		0.08	0.10	0.18		0.09	0.11	0.16	
78	0.1	0.12	0.12	0.16		0.09	0.10	0.16		0.10	0.12	0.17		0.10	0.10	0.16		0.10	0.12	0.16		0.09	0.10	0.16		0.10	0.12	0.17		0.09	0.11	0.16	
79	0.1	0.12	0.12	0.18		0.08	0.10	0.19		0.10	0.11	0.18		0.09	0.09	0.18		0.09	0.11	0.18		0.08	0.10	0.19		0.10	0.11	0.18		0.08	0.10	0.18	
80	0.1	0.10	0.10	0.16		0.08	0.12	0.18		0.09	0.09	0.16		0.10	0.11	0.18		0.09	0.10	0.16		0.08	0.11	0.18		0.09	0.09	0.16		0.10	0.11	0.18	
81	0.3	0.18	0.18	0.31	0.57	0.11	0.18	0.31	0.47	0.14	0.18	0.32	0.57	0.11	0.19	0.32	0.48	0.14	0.18	0.31	0.57	0.11	0.18	0.31	0.47	0.14	0.18	0.31	0.57	0.10	0.19	0.32	0.48
82	0.3	0.18	0.18	0.29	0.55	0.14	0.17	0.32	0.44	0.13	0.17	0.30	0.56	0.14	0.16	0.31	0.46	0.15	0.18	0.30	0.55	0.15	0.17	0.32	0.44	0.14	0.18	0.30	0.56	0.14	0.16	0.31	0.46
83	0.3	0.20	0.20	0.31	0.57	0.12	0.18	0.30	0.49	0.14	0.19	0.32	0.57	0.13	0.19	0.30	0.49	0.12	0.20	0.31	0.57	0.13	0.18	0.30	0.49	0.14	0.20	0.33	0.57	0.13	0.19	0.30	0.49
84	0.3	0.20	0.20	0.32	0.57	0.14	0.17	0.31	0.48	0.13	0.20	0.32	0.56	0.14	0.18	0.29	0.47	0.14	0.20	0.32	0.57	0.14	0.17	0.31	0.48	0.13	0.20	0.33	0.56	0.14	0.18	0.29	0.47
85	0.3	0.57	0.57	0.83	0.99	0.34	0.44	0.62	0.79	0.36	0.55	0.82	0.99	0.35	0.46	0.61	0.79	0.37	0.57	0.83	0.99	0.34	0.44	0.62	0.79	0.35	0.55	0.82	0.99	0.35	0.46	0.61	0.79
86	0.3	0.53	0.53	0.86	0.99	0.33	0.44	0.64	0.79	0.37	0.53	0.85	0.99	0.33	0.43	0.64	0.79	0.37	0.53	0.86	0.99	0.33	0.44	0.64	0.79	0.37	0.52	0.85	0.99	0.32	0.43	0.64	0.79
87	0.3	0.52	0.52	0.82	0.98	0.33	0.48	0.72	0.89	0.33	0.53	0.82	0.99	0.34	0.47	0.72	0.89	0.32	0.52	0.82	0.99	0.33	0.47	0.72	0.89	0.32	0.53	0.82	0.99	0.33	0.47	0.72	0.89
88	0.3	0.56	0.56	0.83	0.99	0.33	0.45	0.62	0.76	0.37	0.55	0.83	0.99	0.33	0.44	0.61	0.77	0.38	0.56	0.84	0.99	0.33	0.45	0.62	0.76	0.37	0.55	0.83	0.99	0.33	0.45	0.61	0.77
89	0.3	0.54	0.54	0.83	0.99	0.32	0.49	0.71	0.87	0.34	0.54	0.83	0.99	0.31	0.48	0.70	0.88	0.34	0.53	0.83	0.99	0.32	0.49	0.71	0.87	0.34	0.53	0.83	0.99	0.31	0.49	0.71	0.88
90	0.3	0.57	0.57	0.83	0.99	0.31	0.50	0.77	0.92	0.36	0.55	0.83	0.99	0.31	0.51	0.78	0.93	0.37	0.57	0.84	0.99	0.30	0.50	0.77	0.93	0.36	0.56	0.83	0.99	0.31	0.51	0.78	0.93
91	0.3	0.55	0.55	0.84	0.99	0.34	0.52	0.70	0.88	0.35	0.55	0.84	0.99	0.31	0.50	0.70	0.87	0.35	0.55	0.84	0.99	0.33	0.52	0.70	0.88	0.35	0.55	0.84	0.99	0.31	0.50	0.70	0.87
92	0.7	1.00	1.00	1.00	1.00	0.72	0.82	0.90	0.96	0.95	1.00	1.00	1.00	0.73	0.81	0.90	0.96	0.95	1.00	1.00	1.00	0.72	0.82	0.90	0.96	0.95	1.00	1.00	1.00	0.73	0.81	0.90	0.96
93	0.1	0.07	0.07	0.08		0.07	0.07	0.10		0.06	0.07	0.08		0.07	0.06	0.09		0.06	0.06	0.08		0.07	0.07	0.10		0.07	0.07	0.08		0.07	0.07	0.09	
94	0.1	0.07	0.07	0.08		0.05	0.07	0.07		0.06	0.07	0.08		0.06	0.07	0.07		0.06	0.07	0.08		0.05	0.06	0.07		0.06	0.07	0.08		0.06	0.07	0.08	
95	0.1	0.06	0.06	0.08		0.08	0.06	0.07		0.07	0.07	0.08		0.08	0.06	0.08		0.08	0.06	0.09		0.08	0.06	0.07		0.08	0.07	0.08		0.08	0.06	0.08	
96	0.1	0.08	0.08	0.08		0.07	0.08	0.08		0.06	0.08	0.08		0.07	0.07	0.08		0.06	0.09	0.08		0.07	0.07	0.08		0.06	0.08	0.08		0.07	0.07	0.08	
97	0.1	0.06	0.06	0.09		0.06	0.07	0.08		0.07	0.06	0.09		0.06	0.08	0.08		0.07	0.06	0.09		0.06	0.08	0.08		0.07	0.06	0.09		0.05	0.08	0.08	
98	0.1	0.06	0.06	0.10		0.07	0.06	0.08		0.08	0.06	0.10		0.07	0.06	0.09		0.09	0.06	0.10		0.08	0.07	0.08		0.08	0.06	0.10		0.07	0.06	0.09	
99	0.1	0.06	0.06	0.08		0.06	0.07	0.08		0.08	0.06	0.08		0.07	0.06	0.08		0.08	0.06	0.08		0.06	0.07	0.08		0.08	0.06	0.08		0.07	0.07	0.08	
100	0.1	0.06	0.06	0.08		0.08	0.08	0.07		0.07	0.06	0.08		0.08	0.08	0.08		0.06	0.06	0.08		0.08	0.07	0.08		0.07	0.06	0.08		0.08	0.07	0.08	
101	0.1	0.11	0.11	0.18		0.12	0.13	0.16		0.09	0.11	0.18		0.12	0.13	0.16		0.09	0.11	0.18		0.12	0.13	0.16		0.10	0.11	0.18		0.13	0.13	0.16	
102	0.1	0.11	0.11	0.18		0.09	0.13	0.16		0.09	0.12	0.18		0.09	0.12	0.17		0.09	0.11	0.18		0.09	0.13	0.17		0.09	0.12	0.18		0.09	0.12	0.17	
103	0.1	0.12	0.12	0.20		0.10	0.11	0.17		0.11	0.12	0.21		0.09	0.12	0.16		0.09	0.12	0.20		0.10	0.11	0.17		0.10	0.12	0.21		0.09	0.12	0.16	
104	0.1	0.12	0.12	0.17		0.07	0.11	0.17		0.10	0.11	0.17		0.07	0.11	0.17		0.10	0.12	0.17		0.07	0.11	0.17		0.10	0.11	0.17		0.07	0.11	0.17	
105	0.1	0.10	0.10	0.17		0.09	0.11	0.16		0.07	0.11	0.17		0.09	0.11	0.16		0.06	0.10	0.17		0.09	0.11	0.16		0.07	0.11	0.17		0.09	0.11	0.16	
106	0.1	0.12	0.12	0.18		0.10	0.13	0.17		0.09	0.11	0.18		0.10	0.13	0.17		0.09	0.12	0.18		0.10	0.13	0.17		0.09	0.11	0.18		0.10	0.13	0.16	
107	0.1	0.13	0.13	0.18		0.10	0.10	0.18		0.09	0.12	0.17		0.10	0.11	0.17		0.08	0.13	0.18		0.10	0.10	0.18		0.09	0.12	0.17		0.10	0.11	0.17	
108	0.1	0.11	0.11	0.15		0.08	0.12	0.16		0.09	0.11	0.15		0.07	0.13	0.16		0.09	0.11	0.15		0.08	0.12	0.16		0.08	0.11	0.15		0.07	0.13	0.16	
109	0.3	0.18	0.18	0.34	0.56	0.13	0.20	0.29	0.47	0.13	0.18	0.35	0.57	0.13	0.20	0.31	0.47	0.14	0.18	0.34	0.56	0.13	0.20	0.29	0.47	0.13	0.18	0.34	0.57	0.13	0.20	0.31	0.47
110	0.3	0.19	0.19	0.33	0.55	0.12	0.17	0.31	0.45	0.12	0.18	0.33	0.54	0.12	0.17	0.31	0.45	0.12	0.19	0.33	0.54	0.12	0.18	0.31	0.45	0.12	0.18	0.33	0.54	0.12	0.17	0.31	0.45
111	0.3	0.55	0.55	0.84	0.99	0.32	0.45	0.61	0.78	0.36	0.56	0.84	0.99	0.31	0.45	0.61	0.78	0.38	0.55	0.84	0.99	0.31	0.45	0.61	0.78	0.35	0.57	0.84	0.99	0.31	0.45	0.61	0.78
112	0.3	0.54	0.54	0.84	0.99	0.35	0.45	0.65	0.80	0.37	0.54	0.83	0.99	0.34	0.44	0.64	0.80	0.39	0.54	0.84	0.99	0.35	0.44	0.65	0.80	0.37	0.54	0.83	0.99	0.35	0.44	0.64	0.80
113	0.3	0.56	0.56	0.85	0.99	0.36	0.48	0.73	0.88	0.38	0.55	0.85	0.99	0.36	0.47	0.74	0.88	0.37	0.56	0.85	0.99	0.36	0.47	0.73	0.88	0.38	0.54	0.85	0.99	0.36	0.47	0.74	0.88
114	0.3	0.51	0.51	0.84	0.99	0.32	0.44	0.63	0.79	0.33	0.52	0.83	0.99	0.31	0.44	0.62	0.78	0.34	0.51	0.83	0.99	0.32	0.44	0.63	0.79	0.33	0.52	0.83	0.99	0.31	0.44	0.62	0.78
115	0.1	0.07	0.07	0.08		0.07	0.07	0.09		0.08	0.07	0.08		0.08	0.06	0.09		0.09	0.07	0.08		0.07	0.07	0.09		0.08	0.07	0.08		0.07	0.06	0.09	
116	0.1	0.07	0.07	0.09		0.06	0.07	0.08		0.06	0.07	0.09		0.07	0.07	0.08		0.06	0.07	0.09		0.07	0.07	0.08		0.06	0.07	0.09		0.07	0.07	0.08	
117	0.1	0.07	0.07	0.09		0.07	0.08	0.08		0.07	0.07	0.08		0.07	0.08	0.07		0.07	0.07	0.09		0.07	0.08	0.08		0.07	0.07	0.08		0.07	0.08	0.07	
118	0.1	0.06	0.06	0.09		0.07	0.06	0.09		0.06	0.07	0.10		0.07	0.06	0.10		0.05	0.06	0.09		0.07	0.07	0.09		0.06	0.06	0.10		0.08	0.06	0.09	
119	0.1	0.07	0.07	0.08		0.07	0.07	0.08		0.06	0.06	0.07		0.07	0.08	0.08		0.07	0.07	0.07		0.08	0.07	0.08		0.06	0.06	0.07		0.07	0.08	0.08	
120	0.1	0.07	0.07	0.07		0.07	0.06	0.08		0.07	0.07	0.07		0.08	0.06	0.08		0.07	0.07	0.07		0.07	0.06	0.08		0.07	0.07	0.07		0.07	0.06	0.08	
121	0.1	0.07	0.07	0.08		0.07	0.07	0.06		0.07	0.07	0.08		0.08	0.08	0.07		0.07	0.07	0.07		0.08	0.08	0.07		0.07	0.07	0.08		0.08	0.08	0.07	
122	0.1	0.07	0.07	0.08		0.07	0.08	0.07		0.06	0.06	0.08		0.07	0.08	0.07		0.06	0.07	0.08		0.07	0.08	0.07		0.06	0.06	0.08		0.07	0.08	0.08	
123	0.1	0.12	0.12	0.16		0.10	0.10	0.15		0.08	0.13	0.17		0.09	0.10	0.15		0.09	0.12	0.16		0.09	0.10	0.15		0.08	0.12	0.17		0.09	0.10	0.15	
124	0.1	0.10	0.10	0.18		0.10	0.09	0.19		0.08	0.10	0.17		0.10	0.09	0.19		0.07	0.10	0.18		0.09	0.09	0.19		0.08	0.10	0.17		0.10	0.09	0.18	
125	0.1	0.12	0.12	0.18		0.09	0.10	0.17		0.10	0.12	0.18		0.10	0.10	0.16		0.10	0.12	0.18		0.09	0.10	0.17		0.10	0.12	0.18		0.09	0.10	0.16	
126	0.1	0.11	0.11	0.19		0.09	0.10	0.19		0.10	0.11	0.18		0.10	0.10	0.18		0.11	0.11	0.18		0.10	0.10	0.19		0.10	0.11	0.17		0.10	0.10	0.19	
127	0.1	0.10	0.10	0.19		0.09	0.10	0.18		0.10	0.11	0.18		0.08	0.09	0.18		0.09	0.11	0.18		0.09	0.10	0.18		0.10	0.10	0.18		0.08	0.10	0.18	
128	0.1	0.12	0.12	0.14		0.11	0.12	0.18		0.09	0.13	0.13		0.11	0.11	0.18		0.09	0.12	0.14		0.11	0.12	0.18		0.09	0.13	0.14		0.11	0.12	0.18	
129	0.1	0.10	0.10	0.17		0.11	0.09	0.16		0.09	0.11	0.17		0.10	0.09	0.17		0.09	0.11	0.17		0.10	0.09	0.16		0.09	0.11	0.17		0.10	0.09	0.17	
130	0.1	0.09	0.09	0.17		0.10	0.11	0.16		0.10	0.10	0.17		0.11	0.11	0.15		0.10	0.09	0.17		0.10	0.11	0.16		0.09	0.09	0.17		0.11	0.11	0.15	
131	0.3	0.18	0.18	0.33	0.54	0.14	0.15	0.30	0.48	0.15	0.18	0.32	0.54	0.14	0.15	0.29	0.49	0.16	0.17	0.32	0.54	0.14	0.16	0.30	0.48	0.15	0.18	0.32	0.54	0.13	0.15	0.30	0.49
132	0.3	0.19	0.19	0.34	0.59	0.15	0.16	0.30	0.46	0.13	0.19	0.34	0.58	0.15	0.16	0.30	0.47	0.14	0.19	0.34	0.58	0.14	0.16	0.30	0.46	0.14	0.19	0.34	0.57	0.15	0.16	0.30	0.47
133	0.3	0.17	0.17	0.34	0.55	0.14	0.16	0.28	0.47	0.13	0.18	0.32	0.56	0.15	0.16	0.28	0.47	0.13	0.17	0.34	0.56	0.14	0.16	0.28	0.46	0.12	0.18	0.32	0.55	0.15	0.17	0.28	0.47
134	0.3	0.55	0.55	0.82	0.98	0.31	0.34	0.64	0.78	0.37	0.55	0.81	0.98	0.31	0.34	0.65	0.78	0.36	0.56	0.82	0.98	0.30	0.34	0.64	0.78	0.37	0.56	0.82	0.98	0.31	0.34	0.65	0.78
135	0.3	0.55	0.55	0.85	0.98	0.31	0.37	0.66	0.78	0.35	0.55	0.85	0.99	0.31	0.37	0.66	0.78	0.36	0.55	0.85	0.98	0.31	0.37	0.66	0.78	0.35	0.54	0.85	0.99	0.32	0.37	0.67	0.78
136	0.3	0.56	0.56	0.85	0.99	0.35	0.43	0.71	0.88	0.38	0.54	0.85	0.98	0.35	0.42	0.71	0.88	0.38	0.55	0.85	0.99	0.37	0.43	0.71	0.88	0.38	0.54	0.85	0.98	0.36	0.42	0.70	0.88
137	0.3	0.56	0.56	0.84	0.99	0.33	0.34	0.65	0.76	0.38	0.57	0.84	0.99	0.32	0.34	0.65	0.76	0.37	0.57	0.84	0.99	0.32	0.34	0.65	0.76	0.37	0.56	0.84	0.99	0.32	0.34	0.65	0.76
138	0.3	0.55	0.55	0.83	0.99	0.35	0.44	0.72	0.86	0.37	0.56	0.83	0.99	0.36	0.44	0.72	0.86	0.36	0.55	0.83	0.99	0.36	0.44	0.72	0.86	0.37	0.56	0.83	0.99	0.36	0.44	0.72	0.86
139	0.1	0.06	0.06	0.10		0.06	0.06	0.05		0.08	0.07	0.09		0.07	0.06	0.07		0.08	0.06	0.10		0.06	0.06	0.06		0.08	0.07	0.09		0.07	0.06	0.07	
140	0.1	0.08	0.08	0.07		0.07	0.06	0.08		0.06	0.08	0.06		0.07	0.07	0.08		0.07	0.08	0.07		0.07	0.06	0.08		0.07	0.08	0.06		0.07	0.06	0.08	
141	0.1	0.06	0.06	0.08		0.07	0.05	0.08		0.06	0.06	0.08		0.07	0.05	0.08		0.07	0.06	0.08		0.07	0.05	0.08		0.06	0.06	0.08		0.06	0.05	0.08	
142	0.1	0.08	0.08	0.09		0.06	0.06	0.07		0.07	0.08	0.10		0.05	0.05	0.07		0.06	0.08	0.09		0.06	0.06	0.07		0.06	0.08	0.09		0.04	0.05	0.07	
143	0.1	0.07	0.07	0.08		0.06	0.05	0.06		0.07	0.07	0.06		0.06	0.06	0.06		0.06	0.07	0.07		0.06	0.05	0.06		0.06	0.07	0.07		0.06	0.06	0.06	
144	0.1	0.07	0.07	0.09		0.06	0.06	0.07		0.06	0.07	0.09		0.06	0.07	0.08		0.06	0.07	0.09		0.05	0.06	0.07		0.06	0.07	0.09		0.06	0.06	0.08	
145	0.1	0.06	0.06	0.10		0.06	0.06	0.05		0.07	0.07	0.10		0.05	0.06	0.06		0.07	0.07	0.09		0.06	0.06	0.05		0.07	0.06	0.10		0.05	0.06	0.06	
146	0.1	0.07	0.07	0.09		0.06	0.07	0.07		0.06	0.06	0.09		0.07	0.07	0.07		0.06	0.07	0.09		0.06	0.07	0.07		0.05	0.06	0.09		0.07	0.06	0.08	
147	0.1	0.11	0.11	0.17		0.08	0.09	0.11		0.10	0.11	0.15		0.07	0.08	0.11		0.10	0.11	0.17		0.08	0.09	0.11		0.10	0.11	0.16		0.07	0.09	0.11	
148	0.1	0.11	0.11	0.17		0.09	0.06	0.10		0.09	0.11	0.16		0.07	0.06	0.10		0.10	0.11	0.17		0.08	0.06	0.10		0.09	0.11	0.16		0.07	0.06	0.10	
149	0.1	0.13	0.13	0.18		0.06	0.06	0.11		0.08	0.13	0.19		0.07	0.07	0.11		0.09	0.13	0.18		0.06	0.06	0.11		0.08	0.13	0.19		0.07	0.06	0.12	
150	0.1	0.11	0.11	0.17		0.08	0.07	0.11		0.10	0.11	0.18		0.07	0.07	0.12		0.08	0.11	0.17		0.08	0.07	0.12		0.10	0.11	0.18		0.08	0.07	0.12	

Table 27. Average power values for Level-3 parameters based on the re-sampled sample sizes for conditions 151 - 236. Minimum power between 0.80 and 0.90 highlighted in light green and greater than 0.90 highlighted in dark green.

Level-3 Parameter Power

	Effect Size	γ_{000}				γ_{001}				γ_{010}				γ_{011}				γ_{100}				γ_{101}				γ_{110}				γ_{111}			
151	0.1	0.11	0.11	0.17		0.08	0.08	0.11		0.09	0.11	0.15		0.08	0.07	0.11		0.09	0.11	0.17		0.08	0.08	0.11		0.09	0.11	0.16		0.07	0.07	0.11	
152	0.1	0.11	0.11	0.16		0.08	0.09	0.10		0.09	0.11	0.17		0.08	0.08	0.10		0.10	0.11	0.16		0.08	0.09	0.10		0.09	0.11	0.17		0.08	0.07	0.10	
153	0.1	0.10	0.10	0.18		0.06	0.09	0.11		0.09	0.11	0.17		0.07	0.08	0.11		0.10	0.10	0.18		0.06	0.09	0.11		0.09	0.11	0.17		0.07	0.08	0.11	
154	0.1	0.11	0.11	0.17		0.10	0.09	0.12		0.09	0.11	0.17		0.09	0.09	0.12		0.10	0.11	0.18		0.10	0.09	0.12		0.09	0.11	0.17		0.09	0.09	0.12	
155	0.3	0.19	0.19	0.30	0.58	0.12	0.11	0.21	0.30	0.15	0.18	0.30	0.57	0.11	0.10	0.21	0.29	0.15	0.19	0.30	0.58	0.13	0.10	0.21	0.30	0.15	0.18	0.30	0.57	0.11	0.10	0.21	0.29
156	0.3	0.19	0.19	0.32	0.58	0.08	0.10	0.17	0.31	0.12	0.18	0.31	0.56	0.07	0.11	0.16	0.31	0.12	0.19	0.32	0.57	0.08	0.10	0.17	0.31	0.12	0.17	0.31	0.56	0.07	0.11	0.16	0.31
157	0.3	0.17	0.17	0.29	0.54	0.11	0.12	0.19	0.32	0.12	0.17	0.29	0.53	0.10	0.11	0.19	0.31	0.13	0.17	0.30	0.54	0.11	0.12	0.19	0.32	0.12	0.17	0.29	0.53	0.10	0.11	0.19	0.31
158	0.3	0.19	0.19	0.32	0.57	0.10	0.10	0.19	0.29	0.13	0.18	0.31	0.57	0.09	0.10	0.19	0.28	0.14	0.19	0.32	0.56	0.10	0.10	0.19	0.29	0.13	0.18	0.31	0.57	0.09	0.10	0.19	0.28
159	0.3	0.22	0.22	0.32	0.56	0.09	0.12	0.20	0.28	0.13	0.21	0.33	0.55	0.10	0.12	0.18	0.29	0.14	0.22	0.32	0.56	0.09	0.12	0.19	0.28	0.13	0.22	0.32	0.55	0.10	0.12	0.18	0.28
160	0.3	0.18	0.18	0.32	0.55	0.08	0.11	0.17	0.31	0.11	0.18	0.32	0.54	0.08	0.10	0.16	0.32	0.12	0.18	0.33	0.55	0.08	0.11	0.17	0.32	0.11	0.17	0.32	0.54	0.08	0.10	0.16	0.32
161	0.3	0.20	0.20	0.32	0.56	0.11	0.12	0.19	0.33	0.15	0.18	0.32	0.57	0.10	0.12	0.19	0.33	0.14	0.20	0.32	0.56	0.10	0.12	0.19	0.33	0.15	0.18	0.32	0.57	0.09	0.12	0.19	0.33
162	0.3	0.19	0.19	0.28	0.58	0.10	0.11	0.18	0.28	0.14	0.18	0.29	0.54	0.10	0.11	0.17	0.28	0.14	0.19	0.28	0.58	0.10	0.11	0.18	0.28	0.13	0.18	0.29	0.55	0.10	0.12	0.17	0.28
163	0.3	0.55	0.55	0.84	0.98	0.20	0.24	0.45	0.63	0.34	0.52	0.84	0.98	0.21	0.25	0.46	0.62	0.36	0.55	0.84	0.98	0.20	0.24	0.45	0.63	0.35	0.51	0.83	0.98	0.21	0.24	0.46	0.63
164	0.3	0.56	0.56	0.84	0.99	0.22	0.25	0.46	0.65	0.32	0.54	0.81	0.99	0.19	0.24	0.45	0.65	0.34	0.56	0.84	0.99	0.22	0.25	0.46	0.65	0.33	0.53	0.82	0.99	0.20	0.24	0.45	0.65
165	0.3	0.56	0.56	0.85	0.98	0.19	0.25	0.47	0.72	0.33	0.56	0.84	0.98	0.19	0.25	0.46	0.71	0.35	0.57	0.85	0.98	0.20	0.24	0.47	0.72	0.33	0.56	0.84	0.98	0.19	0.25	0.46	0.71
166	0.3	0.53	0.53	0.84	0.98	0.21	0.21	0.47	0.63	0.32	0.51	0.83	0.98	0.21	0.21	0.46	0.63	0.35	0.53	0.83	0.98	0.22	0.21	0.47	0.63	0.32	0.51	0.83	0.98	0.20	0.20	0.46	0.63
167	0.3	0.57	0.57	0.82	0.98	0.21	0.25	0.49	0.73	0.32	0.54	0.82	0.99	0.20	0.24	0.47	0.73	0.34	0.57	0.82	0.98	0.21	0.25	0.49	0.73	0.33	0.54	0.82	0.98	0.20	0.24	0.47	0.73
168	0.3	0.55	0.55	0.83	0.99	0.21	0.28	0.49	0.79	0.34	0.54	0.82	0.98	0.20	0.28	0.49	0.78	0.34	0.55	0.83	0.99	0.21	0.28	0.49	0.79	0.34	0.54	0.82	0.98	0.21	0.28	0.49	0.78
169	0.3	0.53	0.53	0.85	0.99	0.19	0.25	0.49	0.74	0.36	0.52	0.84	0.99	0.19	0.23	0.49	0.72	0.37	0.54	0.85	0.99	0.19	0.25	0.49	0.74	0.35	0.52	0.84	0.99	0.19	0.23	0.49	0.73
170	0.3	0.55	0.55	0.85	0.99	0.19	0.27	0.50	0.74	0.30	0.50	0.83	0.99	0.20	0.25	0.50	0.73	0.33	0.54	0.85	0.99	0.20	0.27	0.50	0.73	0.30	0.50	0.84	0.99	0.20	0.25	0.50	0.73
171	0.7	0.69	0.69	0.93	1.00	0.23	0.27	0.55	0.71	0.44	0.66	0.92	1.00	0.22	0.28	0.53	0.71	0.47	0.69	0.93	1.00	0.23	0.27	0.55	0.71	0.44	0.66	0.93	1.00	0.21	0.27	0.53	0.71
172	0.7	1.00	1.00	1.00	1.00	0.56	0.61	0.83	0.90	0.93	1.00	1.00	1.00	0.54	0.59	0.83	0.90	0.96	1.00	1.00	1.00	0.56	0.61	0.83	0.90	0.93	1.00	1.00	1.00	0.54	0.59	0.83	0.90
173	0.7	1.00	1.00	1.00	1.00	0.55	0.59	0.83	0.90	0.94	1.00	1.00	1.00	0.51	0.56	0.82	0.90	0.95	1.00	1.00	1.00	0.55	0.59	0.83	0.90	0.94	1.00	1.00	1.00	0.51	0.56	0.83	0.90
174	0.7	1.00	1.00	1.00	1.00	0.57	0.57	0.84	0.90	0.94	0.99	1.00	1.00	0.54	0.55	0.83	0.90	0.95	1.00	1.00	1.00	0.57	0.58	0.84	0.90	0.94	0.99	1.00	1.00	0.54	0.55	0.83	0.90
175	0.1	0.08	0.08	0.08		0.05	0.07	0.08		0.06	0.08	0.09		0.05	0.07	0.08		0.06	0.08	0.08		0.05	0.07	0.09		0.06	0.08	0.09		0.06	0.07	0.08	
176	0.1	0.07	0.07	0.08		0.07	0.06	0.07		0.08	0.07	0.08		0.07	0.06	0.08		0.08	0.07	0.08		0.07	0.06	0.08		0.07	0.07	0.08		0.06	0.06	0.08	
177	0.1	0.08	0.08	0.08		0.06	0.06	0.07		0.07	0.08	0.09		0.06	0.06	0.07		0.07	0.08	0.09		0.06	0.06	0.07		0.08	0.08	0.09		0.06	0.06	0.07	
178	0.1	0.08	0.08	0.09		0.07	0.08	0.07		0.07	0.07	0.10		0.07	0.08	0.08		0.05	0.08	0.09		0.07	0.08	0.07		0.06	0.07	0.10		0.07	0.08	0.08	
179	0.1	0.08	0.08	0.08		0.06	0.08	0.06		0.06	0.09	0.09		0.05	0.07	0.06		0.07	0.08	0.08		0.06	0.08	0.06		0.06	0.09	0.09		0.05	0.07	0.06	
180	0.1	0.07	0.07	0.08		0.06	0.07	0.06		0.07	0.06	0.08		0.06	0.08	0.06		0.07	0.07	0.08		0.06	0.07	0.06		0.07	0.06	0.08		0.06	0.07	0.06	
181	0.1	0.07	0.07	0.07		0.07	0.06	0.07		0.06	0.07	0.08		0.07	0.06	0.07		0.05	0.07	0.07		0.08	0.06	0.07		0.05	0.07	0.08		0.07	0.06	0.07	
182	0.1	0.07	0.07	0.08		0.07	0.07	0.07		0.07	0.07	0.09		0.06	0.06	0.07		0.07	0.08	0.08		0.07	0.07	0.07		0.07	0.07	0.09		0.06	0.06	0.07	
183	0.1	0.13	0.13	0.16		0.08	0.07	0.13		0.10	0.12	0.17		0.08	0.07	0.13		0.09	0.12	0.16		0.08	0.07	0.13		0.09	0.12	0.17		0.08	0.07	0.13	
184	0.1	0.11	0.11	0.19		0.08	0.07	0.10		0.09	0.11	0.18		0.08	0.07	0.10		0.09	0.11	0.19		0.07	0.08	0.10		0.09	0.11	0.18		0.09	0.07	0.10	
185	0.1	0.12	0.12	0.18		0.08	0.07	0.11		0.09	0.11	0.18		0.07	0.07	0.10		0.09	0.12	0.18		0.07	0.07	0.11		0.09	0.11	0.18		0.07	0.07	0.10	
186	0.1	0.12	0.12	0.18		0.08	0.07	0.10		0.10	0.11	0.18		0.07	0.06	0.09		0.09	0.12	0.18		0.07	0.07	0.10		0.10	0.11	0.18		0.07	0.07	0.10	
187	0.1	0.12	0.12	0.17		0.08	0.08	0.11		0.10	0.14	0.17		0.08	0.07	0.11		0.11	0.12	0.17		0.08	0.08	0.11		0.10	0.14	0.17		0.07	0.07	0.11	
188	0.1	0.12	0.12	0.16		0.07	0.08	0.14		0.09	0.12	0.16		0.08	0.09	0.13		0.09	0.13	0.16		0.07	0.08	0.14		0.09	0.12	0.16		0.09	0.09	0.13	
189	0.1	0.11	0.11	0.18		0.07	0.09	0.11		0.09	0.11	0.17		0.08	0.08	0.10		0.10	0.11	0.18		0.08	0.09	0.11		0.09	0.11	0.17		0.08	0.09	0.10	
190	0.1	0.12	0.12	0.17		0.07	0.10	0.12		0.11	0.12	0.16		0.07	0.10	0.11		0.11	0.11	0.17		0.06	0.10	0.11		0.11	0.12	0.16		0.07	0.10	0.11	
191	0.3	0.19	0.19	0.32	0.58	0.09	0.10	0.18	0.30	0.13	0.19	0.33	0.57	0.09	0.10	0.19	0.30	0.15	0.19	0.32	0.58	0.09	0.10	0.18	0.30	0.14	0.18	0.33	0.57	0.09	0.10	0.19	0.30
192	0.3	0.20	0.20	0.30	0.57	0.11	0.10	0.19	0.28	0.14	0.19	0.30	0.57	0.10	0.10	0.19	0.28	0.14	0.20	0.31	0.57	0.11	0.10	0.19	0.28	0.14	0.19	0.30	0.57	0.10	0.10	0.19	0.28
193	0.3	0.19	0.19	0.33	0.57	0.09	0.10	0.20	0.29	0.14	0.17	0.33	0.57	0.09	0.09	0.19	0.29	0.14	0.19	0.33	0.57	0.09	0.10	0.20	0.28	0.14	0.17	0.33	0.58	0.09	0.09	0.19	0.29
194	0.3	0.19	0.19	0.33	0.57	0.10	0.10	0.19	0.30	0.12	0.18	0.34	0.55	0.09	0.11	0.19	0.31	0.13	0.19	0.33	0.57	0.10	0.11	0.19	0.30	0.12	0.19	0.33	0.55	0.09	0.11	0.19	0.31
195	0.3	0.19	0.19	0.33	0.58	0.09	0.10	0.18	0.30	0.13	0.19	0.33	0.59	0.10	0.11	0.18	0.30	0.14	0.19	0.33	0.58	0.09	0.09	0.18	0.30	0.13	0.19	0.32	0.58	0.10	0.11	0.18	0.29
196	0.3	0.53	0.53	0.83	0.99	0.23	0.21	0.47	0.63	0.36	0.51	0.83	0.99	0.22	0.22	0.46	0.63	0.37	0.53	0.83	0.99	0.23	0.21	0.47	0.63	0.37	0.51	0.83	0.99	0.23	0.22	0.46	0.63
197	0.3	0.54	0.54	0.83	0.99	0.24	0.23	0.44	0.61	0.31	0.53	0.82	0.99	0.23	0.23	0.44	0.61	0.33	0.54	0.83	0.99	0.23	0.23	0.45	0.61	0.31	0.53	0.82	0.99	0.24	0.23	0.44	0.61
198	0.3	0.54	0.54	0.84	0.99	0.22	0.26	0.54	0.71	0.35	0.52	0.84	0.99	0.21	0.24	0.53	0.71	0.35	0.54	0.84	0.99	0.22	0.26	0.53	0.71	0.34	0.52	0.84	0.99	0.21	0.25	0.53	0.71
199	0.3	0.56	0.56	0.85	0.99	0.19	0.24	0.47	0.63	0.34	0.55	0.84	0.99	0.19	0.24	0.47	0.63	0.36	0.56	0.85	0.99	0.19	0.24	0.48	0.62	0.35	0.55	0.84	0.99	0.19	0.24	0.47	0.63
200	0.3	0.56	0.56	0.85	0.99	0.23	0.25	0.48	0.71	0.36	0.55	0.85	0.99	0.22	0.24	0.47	0.70	0.36	0.56	0.85	0.99	0.23	0.25	0.48	0.71	0.36	0.55	0.85	0.99	0.21	0.25	0.47	0.70
201	0.3	0.56	0.56	0.84	0.99	0.21	0.29	0.52	0.77	0.35	0.55	0.83	0.99	0.20	0.28	0.51	0.77	0.37	0.56	0.84	0.99	0.20	0.30	0.52	0.77	0.35	0.54	0.83	0.99	0.20	0.28	0.51	0.77
202	0.3	0.54	0.54	0.83	0.99	0.22	0.27	0.50	0.71	0.38	0.53	0.84	0.99	0.22	0.26	0.50	0.72	0.38	0.54	0.83	0.99	0.23	0.27	0.50	0.71	0.38	0.53	0.84	0.99	0.22	0.26	0.50	0.72
203	0.3	0.53	0.53	0.85	0.99	0.21	0.28	0.49	0.73	0.36	0.52	0.84	0.98	0.20	0.27	0.48	0.72	0.38	0.54	0.85	0.99	0.22	0.27	0.49	0.73	0.35	0.52	0.84	0.98	0.20	0.27	0.48	0.72
204	0.7	1.00	1.00	1.00	1.00	0.54	0.61	0.83	0.90	0.95	1.00	1.00	1.00	0.52	0.60	0.82	0.90	0.96	1.00	1.00	1.00	0.54	0.61	0.83	0.90	0.96	1.00	1.00	1.00	0.52	0.61	0.83	0.90
205	0.7	0.99	0.99	1.00	1.00	0.57	0.61	0.82	0.91	0.94	0.99	1.00	1.00	0.56	0.60	0.82	0.91	0.95	0.99	1.00	1.00	0.57	0.61	0.82	0.91	0.94	0.99	1.00	1.00	0.55	0.59	0.82	0.91
206	0.1	0.08	0.08	0.07		0.06	0.07	0.06		0.07	0.07	0.07		0.06	0.07	0.06		0.08	0.08	0.07		0.06	0.07	0.06		0.08	0.07	0.07		0.06	0.07	0.06	
207	0.1	0.06	0.06	0.09		0.08	0.07	0.06		0.08	0.07	0.08		0.07	0.06	0.06		0.07	0.06	0.09		0.07	0.07	0.06		0.08	0.07	0.08		0.07	0.06	0.06	
208	0.1	0.08	0.08	0.08		0.07	0.06	0.07		0.07	0.08	0.08		0.07	0.06	0.07		0.07	0.08	0.08		0.07	0.06	0.07		0.07	0.08	0.08		0.07	0.06	0.07	
209	0.1	0.07	0.07	0.09		0.06	0.07	0.06		0.07	0.06	0.09		0.05	0.06	0.06		0.07	0.07	0.09		0.06	0.07	0.06		0.07	0.06	0.09		0.05	0.07	0.06	
210	0.1	0.07	0.07	0.09		0.07	0.06	0.08		0.06	0.07	0.09		0.07	0.06	0.08		0.06	0.07	0.09		0.07	0.06	0.08		0.06	0.06	0.09		0.07	0.06	0.08	
211	0.1	0.06	0.06	0.09		0.05	0.07	0.05		0.07	0.06	0.09		0.06	0.07	0.06		0.07	0.06	0.09		0.05	0.07	0.05		0.08	0.07	0.09		0.05	0.07	0.06	
212	0.1	0.08	0.08	0.07		0.08	0.07	0.07		0.07	0.08	0.08		0.07	0.06	0.07		0.07	0.08	0.08		0.08	0.07	0.07		0.07	0.08	0.08		0.07	0.06	0.07	
213	0.1	0.08	0.08	0.09		0.07	0.08	0.08		0.07	0.08	0.09		0.07	0.07	0.07		0.08	0.08	0.09		0.07	0.08	0.08		0.08	0.08	0.09		0.07	0.07	0.07	
214	0.1	0.12	0.12	0.15		0.09	0.07	0.09		0.09	0.11	0.15		0.08	0.08	0.10		0.09	0.12	0.16		0.09	0.07	0.09		0.09	0.12	0.15		0.08	0.07	0.10	
215	0.1	0.12	0.12	0.18		0.08	0.07	0.10		0.10	0.11	0.18		0.09	0.08	0.10		0.10	0.12	0.18		0.08	0.07	0.10		0.10	0.11	0.18		0.09	0.07	0.10	
216	0.1	0.11	0.11	0.18		0.07	0.07	0.12		0.10	0.12	0.18		0.07	0.06	0.12		0.10	0.11	0.18		0.07	0.07	0.12		0.10	0.12	0.18		0.07	0.06	0.12	
217	0.1	0.11	0.11	0.18		0.06	0.07	0.11		0.09	0.11	0.18		0.06	0.07	0.11		0.08	0.11	0.18		0.06	0.08	0.11		0.09	0.11	0.18		0.06	0.07	0.11	
218	0.1	0.12	0.12	0.18		0.07	0.07	0.12		0.09	0.12	0.17		0.07	0.07	0.12		0.09	0.13	0.17		0.07	0.07	0.12		0.09	0.12	0.17		0.08	0.07	0.12	
219	0.1	0.13	0.13	0.15		0.08	0.09	0.10		0.08	0.12	0.15		0.06	0.09	0.10		0.09	0.13	0.15		0.08	0.09	0.10		0.09	0.12	0.15		0.07	0.09	0.10	
220	0.1	0.11	0.11	0.16		0.07	0.09	0.12		0.07	0.10	0.17		0.06	0.08	0.12		0.08	0.10	0.17		0.07	0.09	0.12		0.07	0.10	0.17		0.06	0.08	0.12	
221	0.1	0.12	0.12	0.17		0.09	0.09	0.11		0.10	0.12	0.17		0.08	0.09	0.10		0.10	0.12	0.17		0.09	0.09	0.11		0.11	0.12	0.17		0.08	0.09	0.10	
222	0.3	0.19	0.19	0.31	0.55	0.09	0.10	0.20	0.32	0.12	0.19	0.32	0.55	0.09	0.11	0.19	0.31	0.12	0.19	0.32	0.55	0.09	0.10	0.20	0.32	0.12	0.18	0.32	0.55	0.09	0.11	0.19	0.31
223	0.3	0.18	0.18	0.33	0.55	0.09	0.09	0.19	0.32	0.15	0.18	0.32	0.54	0.08	0.10	0.18	0.32	0.14	0.18	0.32	0.54	0.09	0.09	0.19	0.32	0.15	0.18	0.32	0.54	0.08	0.09	0.18	0.32
224	0.3	0.19	0.19	0.32	0.56	0.09	0.10	0.18	0.30	0.13	0.18	0.31	0.56	0.10	0.10	0.18	0.30	0.13	0.19	0.33	0.56	0.09	0.10	0.18	0.30	0.13	0.19	0.32	0.55	0.10	0.11	0.18	0.30
225	0.3	0.18	0.18	0.31	0.56	0.10	0.09	0.19	0.28	0.14	0.17	0.30	0.56	0.10	0.08	0.19	0.28	0.14	0.18	0.31	0.56	0.10	0.09	0.19	0.28	0.13	0.17	0.31	0.56	0.10	0.08	0.19	0.28
226	0.3	0.18	0.18	0.34	0.56	0.09	0.11	0.18	0.30	0.13	0.17	0.34	0.56	0.10	0.10	0.18	0.30	0.14	0.18	0.34	0.56	0.09	0.11	0.18	0.30	0.12	0.18	0.34	0.56	0.09	0.10	0.18	0.30
227	0.3	0.56	0.56	0.84	0.99	0.19	0.21	0.45	0.64	0.36	0.55	0.83	0.99	0.18	0.21	0.44	0.65	0.39	0.56	0.84	0.99	0.19	0.21	0.45	0.64	0.36	0.54	0.83	0.99	0.18	0.22	0.44	0.65
228	0.3	0.54	0.54	0.85	0.99	0.22	0.21	0.44	0.64	0.36	0.54	0.84	0.99	0.21	0.20	0.44	0.65	0.37	0.54	0.85	0.99	0.22	0.21	0.44	0.65	0.35	0.53	0.84	0.99	0.22	0.20	0.45	0.65
229	0.3	0.55	0.55	0.85	0.99	0.22	0.27	0.48	0.73	0.36	0.53	0.84	0.99	0.21	0.26	0.48	0.74	0.36	0.55	0.85	0.99	0.22	0.27	0.48	0.73	0.36	0.53	0.84	0.99	0.21	0.25	0.47	0.74
230	0.3	0.55	0.55	0.83	0.98	0.20	0.22	0.45	0.62	0.37	0.53	0.83	0.98	0.19	0.22	0.45	0.62	0.36	0.55	0.83	0.98	0.20	0.22	0.45	0.62	0.37	0.53	0.83	0.98	0.19	0.21	0.45	0.62
231	0.3	0.56	0.56	0.83	0.99	0.23	0.24	0.50	0.71	0.38	0.55	0.83	0.99	0.21	0.24	0.49	0.70	0.37	0.56	0.83	0.99	0.23	0.24	0.50	0.71	0.37	0.55	0.84	0.99	0.22	0.24	0.49	0.70
232	0.3	0.56	0.56	0.85	0.99	0.21	0.27	0.55	0.79	0.34	0.56	0.85	0.98	0.22	0.27	0.52	0.79	0.35	0.55	0.85	0.99	0.21	0.28	0.55	0.79	0.34	0.55	0.84	0.99	0.21	0.28	0.53	0.79
233	0.3	0.54	0.54	0.84	0.99	0.20	0.26	0.51	0.71	0.35	0.53	0.84	0.99	0.20	0.25	0.49	0.72	0.35	0.54	0.85	0.99	0.20	0.26	0.50	0.71	0.35	0.53	0.84	0.99	0.19	0.25	0.50	0.71
234	0.3	0.56	0.56	0.83	0.99	0.21	0.26	0.51	0.71	0.36	0.55	0.83	0.99	0.21	0.26	0.50	0.71	0.37	0.55	0.83	0.99	0.21	0.26	0.51	0.71	0.36	0.55	0.83	0.99	0.20	0.26	0.50	0.71
235	0.7	1.00	1.00	1.00	1.00	0.55	0.60	0.86	0.92	0.94	1.00	1.00	1.00	0.54	0.60	0.86	0.91	0.95	1.00	1.00	1.00	0.56	0.59	0.86	0.92	0.94	1.00	1.00	1.00	0.53	0.60	0.86	0.91
236	0.7	1.00	1.00	1.00	1.00	0.55	0.60	0.85	0.90	0.95	1.00	1.00	1.00	0.54	0.59	0.84	0.89	0.96	1.00	1.00	1.00	0.55	0.61	0.85	0.90	0.95	1.00	1.00	1.00	0.54	0.59	0.84	0.89

The accuracy of the Level-3 parameter estimates was calculated by the absolute relative bias (Tables 28 to 27 and Figures 45 to 51). Similar to Level-2, as effect size increases from 0.1 to 0.7, the absolute relative bias decreases for all predictor and error variance scenarios considered. For initial error variance $\sigma_e^2 = 1.0$, the absolute relative bias (Figures 45 to 51: left-hand side) was less than initial error variance $\sigma_e^2 = 2.0$ (Figures 45 to 51: right-hand side) and most noticeable for effect size 0.7 (Figures: 45 to 51: shown in green).

Though the Level-3 parameters achieved minimum sufficient power of 0.80 with fewer re-sampled samples at each level for initial error variance $\sigma_e^2 = 2.0$ and effect size 0.3 and 0.7, the associated parameters when re-sampled to larger sample sizes had larger absolute relative bias. Whereas, initial error variance $\sigma_e^2 = 1.0$ required more samples per level, the associated parameters when re-sampled to larger sample sizes had smaller absolute relative bias overall. The average absolute relative bias remains fairly consistent across re-sampled sample sizes (variations are due to averaging) and ranges from about 0.00 to 0.30.

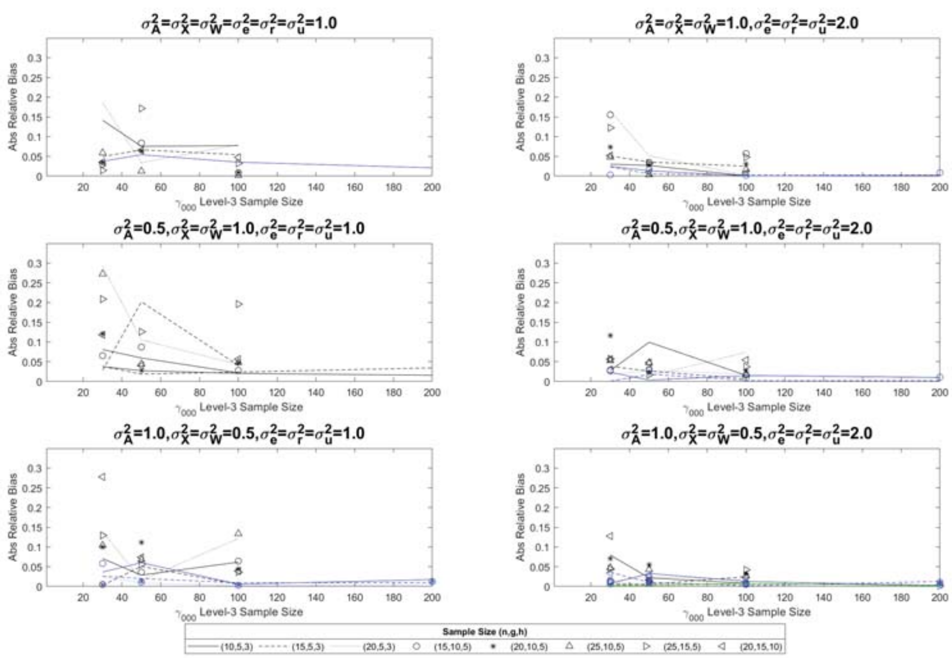

Figure 45. Level-3 γ_{000} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (top), $\sigma_A^2 = 0.5$,$\sigma_X^2 = \sigma_W^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$,$\sigma_X^2 = \sigma_W^2 = 0.5$ (bottom).

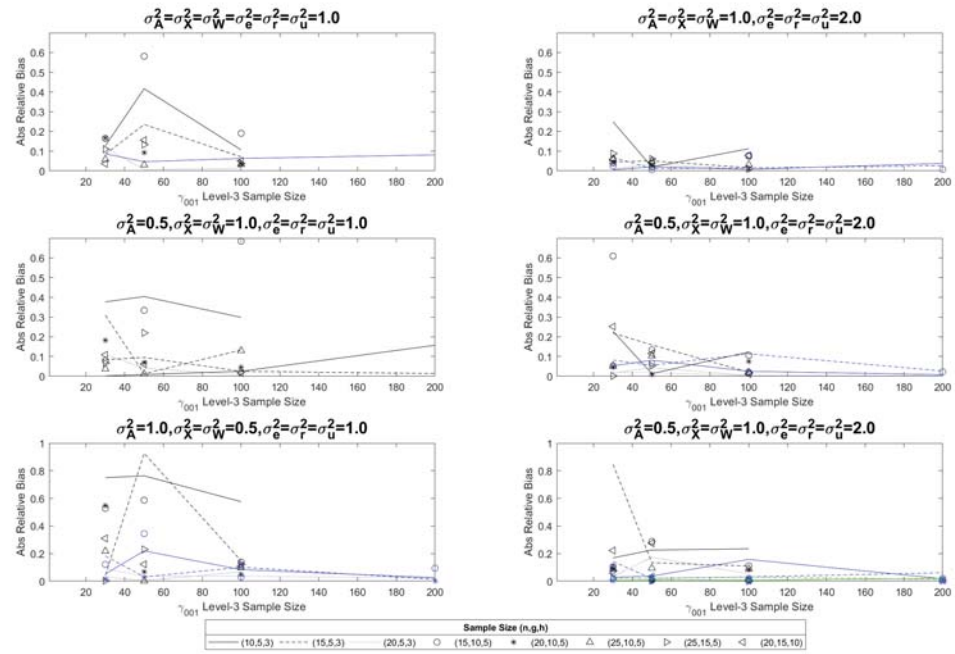

Figure 46. Level-3 γ_{001} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (top), $\sigma_A^2 = 0.5$,$\sigma_X^2 = \sigma_W^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$,$\sigma_X^2 = \sigma_W^2 = 0.5$ (bottom).

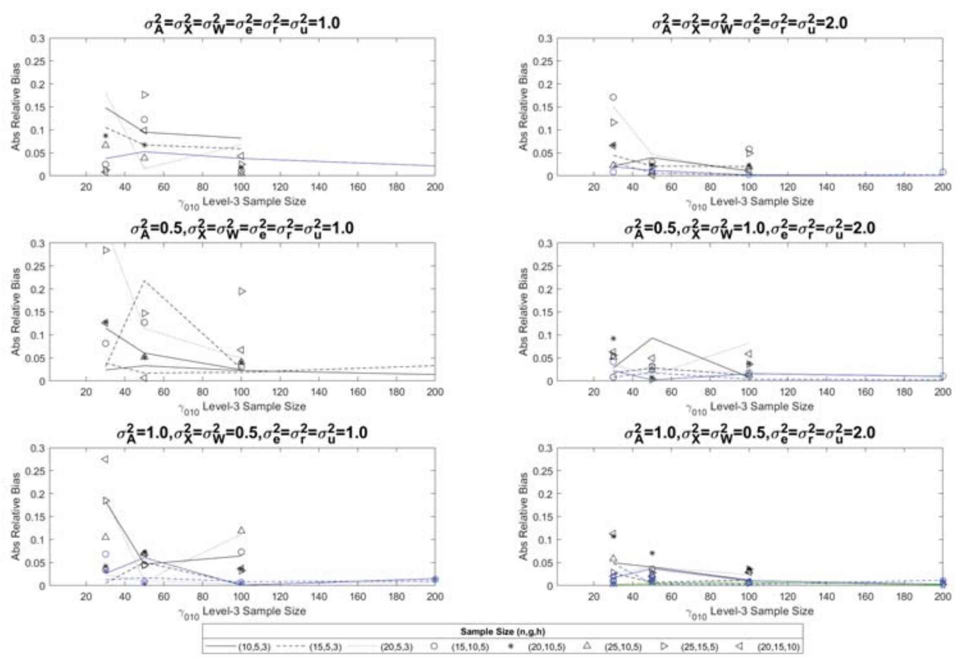

Figure 47. Level-3 γ_{010} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (top), $\sigma_A^2 = 0.5$,$\sigma_X^2 = \sigma_W^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$,$\sigma_X^2 = \sigma_W^2 = 0.5$ (bottom).

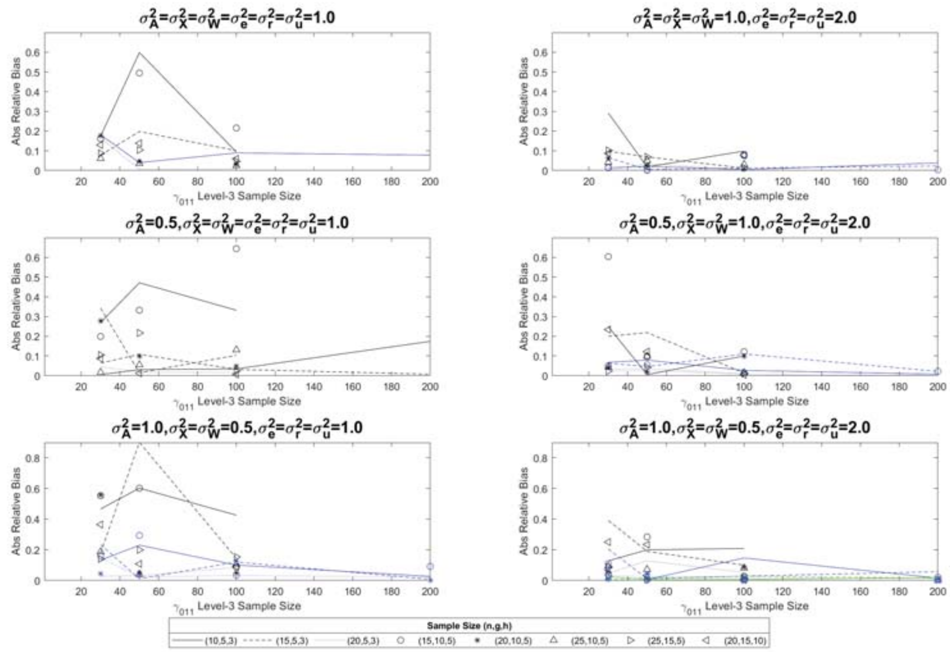

Figure 48. Level-3 γ_{011} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma^2_A = \sigma^2_X = \sigma^2_W = 1.0$ (top), $\sigma^2_A = 0.5$,$\sigma^2_X = \sigma^2_W = 1.0$ (middle), and $\sigma^2_A = 1.0$,$\sigma^2_X = \sigma^2_W = 0.5$ (bottom).

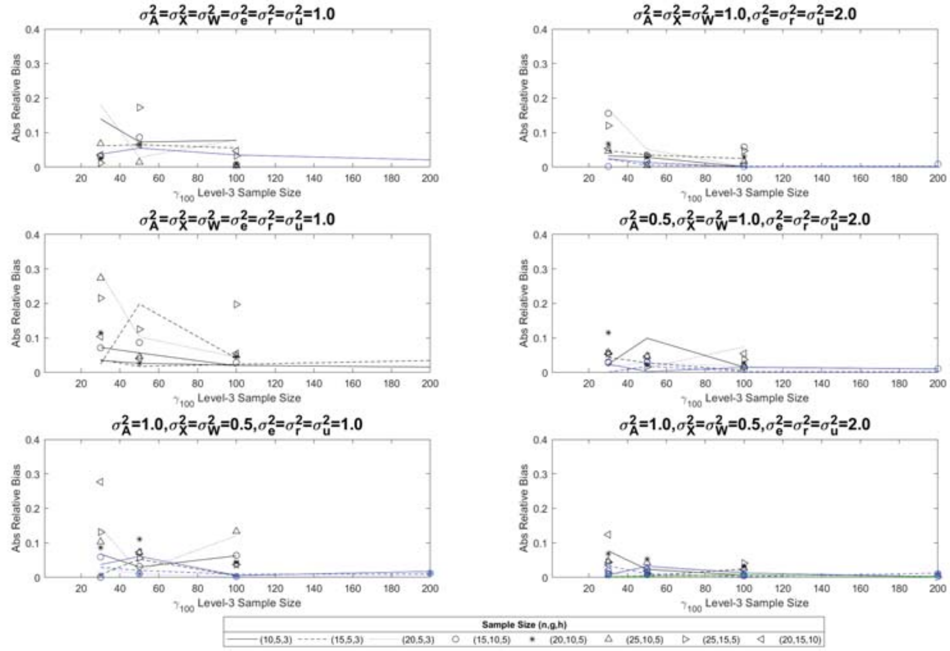

Figure 49. Level-3 γ_{100} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (top), $\sigma_A^2 = 0.5$,$\sigma_X^2 = \sigma_W^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$,$\sigma_X^2 = \sigma_W^2 = 0.5$ (bottom).

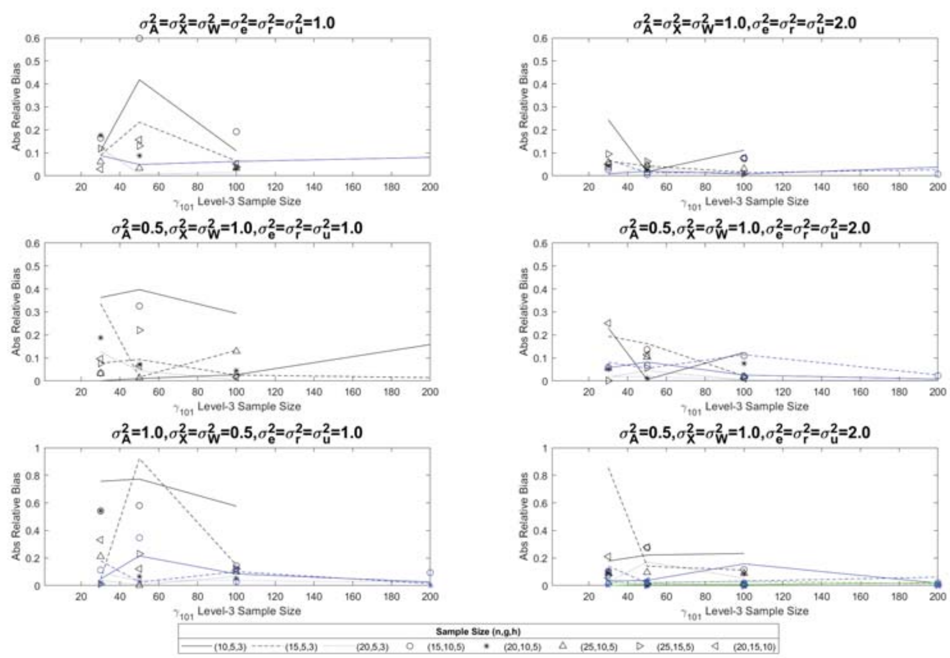

Figure 50. Level-3 γ_{101} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (top), $\sigma_A^2 = 0.5$,$\sigma_X^2 = \sigma_W^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$,$\sigma_X^2 = \sigma_W^2 = 0.5$ (bottom).

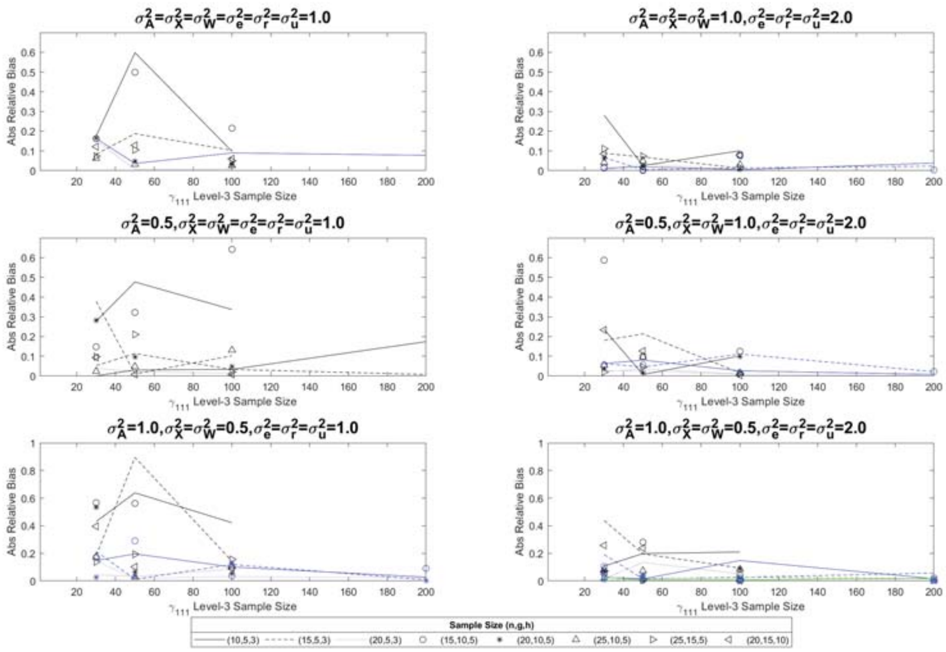

Figure 51. Level-3 γ_{111} re-sampled sample size absolute relative bias results for varying effect sizes (0.1 black, 0.3 blue, and 0.7 green) and scenarios $\sigma_A^2 = \sigma_X^2 = \sigma_W^2 = 1.0$ (top), $\sigma_A^2 = 0.5$,$\sigma_X^2 = \sigma_W^2 = 1.0$ (middle), and $\sigma_A^2 = 1.0$,$\sigma_X^2 = \sigma_W^2 = 0.5$ (bottom).

Table 28. Average absolute relative bias values for Level-3 parameters based on the re-sampled sample sizes for conditions 1 - 75.

Level-3 Parameter Absolute Relative Bias

	Effect Size	γ_{000}				γ_{001}				γ_{010}				γ_{011}			
1	0.1	0.141	0.011	0.016		0.207	0.604	0.018		0.148	0.011	0.010		0.197	0.596	0.067	
2	0.1	0.067	0.019	0.066		0.078	0.413	0.102		0.051	0.014	0.072		0.241	0.393	0.142	
3	0.1	0.032	0.118	0.097		0.002	0.091	0.110		0.009	0.100	0.103		0.148	0.028	0.079	
4	0.1	0.024	0.051	0.032		1.095	0.262	0.210		0.086	0.100	0.014		0.900	0.092	0.190	
5	0.1	0.204	0.050	0.011		0.153	0.063	0.112		0.163	0.037	0.000		0.114	0.056	0.140	
6	0.1	0.103	0.081	0.090		0.091	0.016	0.043		0.084	0.123	0.079		0.073	0.035	0.056	
7	0.1	0.095	0.028	0.014		0.336	0.060	0.048		0.007	0.026	0.019		0.331	0.036	0.064	
8	0.1	0.045	0.179	0.050		0.134	0.074	0.157		0.085	0.186	0.050		0.173	0.072	0.148	
9	0.1	0.054	0.017	0.027		0.212	0.115	0.092		0.035	0.004	0.034		0.164	0.111	0.095	
10	0.1	0.022	0.037	0.010		0.085	0.028	0.006		0.024	0.047	0.005		0.490	0.041	0.025	
11	0.1	0.140	0.043	0.024		0.117	0.038	0.053		0.091	0.041	0.012		0.015	0.076	0.049	
12	0.1	0.016	0.052	0.007		0.045	0.066	0.007		0.007	0.058	0.007		0.060	0.007	0.004	
13	0.1	0.041	0.012	0.015		0.109	0.048	0.031		0.057	0.009	0.013		0.036	0.065	0.016	
14	0.1	0.103	0.046	0.059		0.085	0.017	0.003		0.100	0.053	0.043		0.060	0.001	0.001	
15	0.1	0.047	0.033	0.018		0.012	0.107	0.009		0.048	0.039	0.022		0.031	0.120	0.012	
16	0.1	0.082	0.048	0.000		0.065	0.073	0.066		0.096	0.061	0.002		0.042	0.077	0.091	
17	0.3	0.008	0.030	0.020	0.021	0.126	0.077	0.031	0.005	0.015	0.039	0.022	0.021	0.113	0.074	0.026	0.004
18	0.3	0.052	0.009	0.068	0.019	0.157	0.091	0.013	0.117	0.059	0.011	0.059	0.021	0.154	0.072	0.020	0.114
19	0.3	0.053	0.012	0.021	0.027	0.049	0.040	0.042	0.064	0.043	0.009	0.009	0.028	0.008	0.042	0.018	0.058
20	0.3	0.004	0.023	0.007	0.009	0.064	0.051	0.038	0.041	0.019	0.026	0.010	0.010	0.049	0.056	0.044	0.046
21	0.3	0.014	0.004	0.007	0.001	0.039	0.006	0.012	0.015	0.021	0.002	0.008	0.001	0.059	0.007	0.013	0.018
22	0.3	0.001	0.003	0.013	0.007	0.032	0.010	0.002	0.008	0.002	0.008	0.012	0.006	0.018	0.012	0.001	0.009
23	0.3	0.040	0.005	0.020	0.004	0.024	0.039	0.004	0.005	0.037	0.006	0.016	0.004	0.039	0.055	0.001	0.006
24	0.3	0.012	0.018	0.003	0.008	0.012	0.001	0.004	0.004	0.012	0.022	0.003	0.007	0.016	0.003	0.009	0.003
25	0.1	0.142	0.075	0.077		0.127	0.417	0.106		0.148	0.095	0.082		0.174	0.599	0.094	
26	0.1	0.050	0.067	0.054		0.085	0.235	0.071		0.105	0.067	0.059		0.078	0.198	0.101	
27	0.1	0.186	0.034	0.080		0.117	0.007	0.014		0.180	0.016	0.068		0.165	0.007	0.008	
28	0.1	0.030	0.084	0.009		0.164	0.581	0.190		0.025	0.123	0.011		0.161	0.495	0.216	
29	0.1	0.034	0.064	0.009		0.167	0.094	0.035		0.088	0.067	0.019		0.176	0.046	0.029	
30	0.1	0.059	0.013	0.002		0.058	0.031	0.033		0.066	0.039	0.005		0.061	0.036	0.025	
31	0.1	0.015	0.172	0.032		0.110	0.133	0.037		0.013	0.176	0.025		0.087	0.104	0.046	
32	0.1	0.035	0.065	0.048		0.036	0.156	0.050		0.008	0.099	0.043		0.129	0.138	0.059	
33	0.1	0.030	0.027	0.001		0.249	0.020	0.112		0.021	0.039	0.011		0.292	0.018	0.098	
34	0.1	0.051	0.036	0.025		0.045	0.051	0.016		0.045	0.021	0.020		0.097	0.069	0.012	
35	0.1	0.165	0.052	0.002		0.009	0.036	0.006		0.150	0.047	0.006		0.001	0.035	0.004	
36	0.1	0.155	0.035	0.057		0.040	0.021	0.074		0.171	0.030	0.058		0.016	0.002	0.080	
37	0.1	0.074	0.029	0.030		0.042	0.024	0.010		0.066	0.024	0.022		0.064	0.024	0.007	
38	0.1	0.048	0.004	0.017		0.062	0.048	0.031		0.023	0.008	0.019		0.042	0.051	0.031	
39	0.1	0.122	0.033	0.048		0.088	0.060	0.010		0.116	0.020	0.049		0.102	0.069	0.014	
40	0.1	0.052	0.010	0.008		0.058	0.043	0.078		0.066	0.002	0.011		0.087	0.020	0.078	
41	0.3	0.038	0.054	0.035	0.021	0.086	0.047	0.063	0.081	0.038	0.053	0.038	0.022	0.181	0.040	0.089	0.078
42	0.3	0.025	0.014	0.000	0.002	0.005	0.020	0.008	0.038	0.020	0.012	0.002	0.000	0.013	0.021	0.005	0.038
43	0.3	0.024	0.006	0.003	0.003	0.068	0.012	0.015	0.026	0.030	0.006	0.001	0.002	0.065	0.005	0.012	0.023
44	0.3	0.003	0.017	0.002	0.009	0.025	0.006	0.079	0.008	0.009	0.012	0.002	0.008	0.014	0.004	0.075	0.003
45	0.1	0.068	0.048	0.067		0.094	0.073	0.136		0.052	0.057	0.064		0.169	0.053	0.151	
46	0.1	0.128	0.004	0.071		0.344	0.150	0.214		0.134	0.004	0.060		0.225	0.147	0.237	
47	0.1	0.044	0.073	0.094		0.294	0.087	0.143		0.090	0.095	0.088		0.259	0.024	0.167	
48	0.1	0.183	0.015	0.071		0.781	0.195	0.081		0.173	0.018	0.061		0.799	0.192	0.060	
49	0.1	0.055	0.066	0.068		0.062	0.110	0.161		0.025	0.031	0.068		0.103	0.136	0.136	
50	0.1	0.023	0.039	0.007		0.348	0.076	0.046		0.041	0.054	0.009		0.392	0.095	0.060	
51	0.1	0.009	0.056	0.121		0.315	0.134	0.094		0.008	0.088	0.149		0.365	0.164	0.115	
52	0.1	0.135	0.095	0.047		0.036	0.128	0.019		0.112	0.101	0.035		0.055	0.073	0.007	
53	0.1	0.016	0.043	0.013		0.102	0.139	0.004		0.030	0.047	0.016		0.061	0.097	0.025	
54	0.1	0.071	0.040	0.026		0.104	0.050	0.040		0.079	0.037	0.025		0.105	0.030	0.051	
55	0.1	0.012	0.020	0.025		0.046	0.029	0.077		0.002	0.031	0.024		0.020	0.035	0.078	
56	0.1	0.006	0.085	0.014		0.048	0.242	0.117		0.006	0.098	0.011		0.041	0.293	0.112	
57	0.1	0.054	0.004	0.023		0.023	0.006	0.007		0.062	0.004	0.023		0.041	0.028	0.001	
58	0.1	0.014	0.079	0.007		0.052	0.002	0.044		0.007	0.070	0.008		0.047	0.007	0.047	
59	0.1	0.060	0.029	0.052		0.005	0.004	0.024		0.055	0.037	0.052		0.032	0.019	0.020	
60	0.1	0.015	0.048	0.029		0.092	0.049	0.097		0.018	0.052	0.026		0.067	0.024	0.085	
61	0.3	0.051	0.002	0.023	0.012	0.104	0.033	0.043	0.041	0.049	0.005	0.023	0.008	0.082	0.068	0.040	0.043
62	0.3	0.011	0.006	0.016	0.002	0.089	0.029	0.006	0.002	0.004	0.004	0.015	0.002	0.088	0.038	0.009	0.003
63	0.3	0.011	0.020	0.015	0.001	0.108	0.077	0.066	0.013	0.010	0.020	0.014	0.003	0.107	0.081	0.057	0.018
64	0.3	0.035	0.006	0.008	0.014	0.042	0.043	0.002	0.007	0.036	0.000	0.005	0.014	0.007	0.039	0.009	0.012
65	0.1	0.136	0.074	0.020		0.073	0.131	0.089		0.155	0.061	0.021		0.205	0.101	0.103	
66	0.1	0.043	0.194	0.027		0.151	0.164	0.062		0.051	0.176	0.018		0.111	0.153	0.038	
67	0.1	0.283	0.020	0.053		0.076	0.103	0.041		0.290	0.055	0.049		0.041	0.059	0.020	
68	0.1	0.166	0.002	0.004		0.288	0.028	0.154		0.189	0.044	0.015		0.303	0.085	0.200	
69	0.1	0.012	0.091	0.022		0.063	0.045	0.000		0.010	0.097	0.023		0.047	0.041	0.004	
70	0.1	0.043	0.131	0.025		0.081	0.037	0.030		0.090	0.100	0.042		0.083	0.059	0.019	
71	0.1	0.096	0.134	0.103		0.164	0.157	0.005		0.038	0.129	0.102		0.195	0.135	0.014	
72	0.1	0.015	0.248	0.006		0.196	0.058	0.008		0.019	0.263	0.012		0.241	0.038	0.036	
73	0.1	0.065	0.025	0.022		0.186	0.110	0.301		0.060	0.028	0.021		0.135	0.106	0.262	
74	0.1	0.023	0.078	0.057		0.389	0.038	0.049		0.044	0.071	0.054		0.304	0.096	0.021	
75	0.1	0.032	0.013	0.003		0.186	0.049	0.055		0.032	0.011	0.008		0.190	0.040	0.065	

	Effect Size	γ_{100}				γ_{101}				γ_{110}				γ_{111}			
1	0.1	0.140	0.009	0.016		0.203	0.606	0.019		0.138	0.008	0.009		0.194	0.596	0.066	
2	0.1	0.062	0.019	0.066		0.058	0.436	0.108		0.053	0.015	0.071		0.224	0.405	0.139	
3	0.1	0.029	0.121	0.097		0.017	0.097	0.107		0.026	0.100	0.103		0.155	0.025	0.081	
4	0.1	0.042	0.049	0.031		1.147	0.257	0.206		0.100	0.099	0.013		0.837	0.101	0.191	
5	0.1	0.204	0.053	0.009		0.149	0.058	0.113		0.168	0.042	0.001		0.117	0.054	0.138	
6	0.1	0.112	0.082	0.088		0.107	0.017	0.042		0.084	0.124	0.079		0.072	0.033	0.056	
7	0.1	0.091	0.028	0.015		0.350	0.055	0.051		0.011	0.025	0.019		0.329	0.033	0.065	
8	0.1	0.041	0.183	0.049		0.133	0.070	0.156		0.091	0.188	0.049		0.167	0.062	0.151	
9	0.1	0.055	0.016	0.026		0.212	0.124	0.094		0.040	0.003	0.034		0.182	0.114	0.095	
10	0.1	0.019	0.037	0.010		0.098	0.028	0.006		0.023	0.046	0.005		0.456	0.039	0.026	
11	0.1	0.135	0.042	0.024		0.110	0.036	0.053		0.092	0.042	0.012		0.017	0.077	0.050	
12	0.1	0.016	0.051	0.006		0.050	0.068	0.007		0.008	0.057	0.008		0.068	0.004	0.003	
13	0.1	0.046	0.013	0.015		0.108	0.048	0.031		0.058	0.008	0.013		0.030	0.065	0.016	
14	0.1	0.104	0.047	0.059		0.088	0.017	0.004		0.104	0.050	0.043		0.063	0.001	0.001	
15	0.1	0.039	0.034	0.018		0.018	0.104	0.008		0.048	0.040	0.023		0.034	0.118	0.012	
16	0.1	0.086	0.049	0.001		0.069	0.071	0.065		0.094	0.063	0.002		0.041	0.076	0.092	
17	0.3	0.007	0.029	0.020	0.021	0.134	0.071	0.030	0.005	0.017	0.040	0.021	0.021	0.111	0.077	0.026	0.004
18	0.3	0.053	0.008	0.068	0.019	0.154	0.093	0.012	0.116	0.058	0.011	0.058	0.021	0.152	0.069	0.021	0.114
19	0.3	0.051	0.011	0.022	0.027	0.038	0.040	0.042	0.064	0.042	0.008	0.009	0.028	0.008	0.040	0.019	0.058
20	0.3	0.004	0.023	0.007	0.009	0.060	0.050	0.038	0.041	0.019	0.025	0.009	0.010	0.044	0.055	0.043	0.045
21	0.3	0.015	0.004	0.006	0.001	0.033	0.006	0.012	0.015	0.022	0.001	0.008	0.001	0.060	0.007	0.012	0.018
22	0.3	0.003	0.004	0.013	0.007	0.031	0.012	0.002	0.008	0.002	0.007	0.013	0.006	0.018	0.012	0.000	0.009
23	0.3	0.041	0.004	0.020	0.004	0.031	0.040	0.004	0.005	0.038	0.005	0.015	0.004	0.039	0.055	0.001	0.006
24	0.3	0.012	0.018	0.003	0.008	0.011	0.002	0.004	0.004	0.012	0.022	0.003	0.007	0.017	0.003	0.009	0.003
25	0.1	0.140	0.073	0.077		0.109	0.418	0.109		0.142	0.099	0.083		0.175	0.598	0.098	
26	0.1	0.062	0.065	0.056		0.090	0.234	0.065		0.102	0.064	0.061		0.083	0.187	0.103	
27	0.1	0.181	0.028	0.080		0.121	0.008	0.014		0.187	0.012	0.068		0.152	0.007	0.008	
28	0.1	0.031	0.087	0.008		0.164	0.598	0.192		0.023	0.119	0.010		0.162	0.499	0.215	
29	0.1	0.025	0.065	0.009		0.177	0.088	0.033		0.089	0.066	0.019		0.165	0.048	0.030	
30	0.1	0.068	0.014	0.003		0.061	0.033	0.033		0.060	0.040	0.006		0.062	0.032	0.025	
31	0.1	0.012	0.173	0.033		0.119	0.131	0.039		0.013	0.177	0.025		0.074	0.105	0.050	
32	0.1	0.036	0.065	0.047		0.029	0.158	0.052		0.001	0.094	0.044		0.121	0.129	0.060	
33	0.1	0.033	0.029	0.001		0.244	0.018	0.111		0.027	0.041	0.011		0.281	0.026	0.101	
34	0.1	0.048	0.035	0.025		0.064	0.043	0.016		0.048	0.024	0.020		0.088	0.069	0.012	
35	0.1	0.167	0.051	0.002		0.010	0.035	0.006		0.149	0.047	0.007		0.004	0.033	0.005	
36	0.1	0.156	0.034	0.058		0.037	0.016	0.075		0.168	0.031	0.059		0.016	0.001	0.080	
37	0.1	0.068	0.029	0.030		0.042	0.024	0.009		0.069	0.023	0.022		0.066	0.022	0.007	
38	0.1	0.046	0.005	0.017		0.058	0.047	0.031		0.026	0.005	0.020		0.041	0.050	0.030	
39	0.1	0.120	0.033	0.047		0.095	0.063	0.010		0.118	0.020	0.049		0.111	0.073	0.014	
40	0.1	0.054	0.010	0.008		0.050	0.041	0.078		0.061	0.001	0.011		0.085	0.018	0.078	
41	0.3	0.038	0.055	0.035	0.021	0.088	0.049	0.063	0.080	0.040	0.052	0.038	0.022	0.163	0.036	0.090	0.078
42	0.3	0.024	0.013	0.000	0.002	0.008	0.021	0.008	0.038	0.020	0.011	0.002	0.000	0.012	0.019	0.004	0.038
43	0.3	0.023	0.005	0.003	0.003	0.070	0.014	0.014	0.026	0.028	0.005	0.001	0.002	0.067	0.004	0.013	0.023
44	0.3	0.002	0.017	0.002	0.009	0.026	0.005	0.078	0.008	0.008	0.011	0.002	0.008	0.013	0.004	0.076	0.004
45	0.1	0.062	0.045	0.068		0.099	0.075	0.132		0.058	0.062	0.064		0.174	0.052	0.153	
46	0.1	0.133	0.005	0.070		0.343	0.149	0.217		0.136	0.006	0.061		0.193	0.150	0.239	
47	0.1	0.054	0.072	0.094		0.302	0.084	0.145		0.083	0.097	0.086		0.255	0.025	0.164	
48	0.1	0.184	0.018	0.071		0.800	0.181	0.079		0.170	0.017	0.061		0.788	0.184	0.057	
49	0.1	0.057	0.068	0.068		0.062	0.108	0.159		0.015	0.033	0.067		0.088	0.133	0.138	
50	0.1	0.018	0.039	0.008		0.343	0.074	0.048		0.033	0.058	0.008		0.379	0.093	0.060	
51	0.1	0.013	0.060	0.120		0.308	0.133	0.093		0.006	0.083	0.147		0.367	0.165	0.116	
52	0.1	0.141	0.097	0.047		0.046	0.129	0.019		0.130	0.096	0.035		0.069	0.068	0.006	
53	0.1	0.019	0.043	0.014		0.097	0.137	0.003		0.032	0.045	0.016		0.061	0.103	0.026	
54	0.1	0.072	0.040	0.026		0.109	0.047	0.041		0.082	0.038	0.025		0.105	0.029	0.050	
55	0.1	0.013	0.022	0.026		0.050	0.028	0.077		0.003	0.031	0.024		0.019	0.034	0.078	
56	0.1	0.004	0.085	0.014		0.054	0.242	0.118		0.006	0.097	0.010		0.057	0.289	0.113	
57	0.1	0.052	0.001	0.023		0.026	0.006	0.006		0.061	0.004	0.023		0.044	0.028	0.001	
58	0.1	0.020	0.079	0.007		0.051	0.001	0.043		0.004	0.070	0.008		0.054	0.006	0.047	
59	0.1	0.063	0.031	0.052		0.010	0.001	0.024		0.052	0.039	0.052		0.030	0.018	0.020	
60	0.1	0.011	0.048	0.029		0.092	0.047	0.096		0.020	0.051	0.027		0.079	0.024	0.085	
61	0.3	0.053	0.002	0.023	0.012	0.108	0.033	0.043	0.041	0.050	0.006	0.023	0.008	0.085	0.071	0.039	0.043
62	0.3	0.012	0.006	0.016	0.002	0.092	0.030	0.007	0.002	0.004	0.004	0.015	0.002	0.086	0.039	0.010	0.003
63	0.3	0.012	0.020	0.015	0.002	0.110	0.076	0.066	0.014	0.010	0.020	0.014	0.003	0.107	0.081	0.057	0.018
64	0.3	0.035	0.006	0.008	0.014	0.047	0.041	0.002	0.008	0.036	0.000	0.005	0.014	0.015	0.038	0.009	0.013
65	0.1	0.136	0.078	0.019		0.064	0.130	0.086		0.153	0.062	0.020		0.175	0.103	0.103	
66	0.1	0.055	0.194	0.026		0.140	0.159	0.061		0.057	0.174	0.019		0.098	0.149	0.036	
67	0.1	0.287	0.016	0.054		0.071	0.097	0.039		0.300	0.057	0.051		0.038	0.063	0.021	
68	0.1	0.167	0.001	0.004		0.298	0.029	0.152		0.206	0.041	0.014		0.310	0.078	0.199	
69	0.1	0.007	0.096	0.021		0.054	0.045	0.001		0.016	0.097	0.023		0.038	0.039	0.004	
70	0.1	0.041	0.134	0.027		0.080	0.035	0.031		0.089	0.095	0.043		0.083	0.059	0.018	
71	0.1	0.100	0.129	0.102		0.170	0.157	0.005		0.043	0.126	0.102		0.192	0.130	0.012	
72	0.1	0.012	0.250	0.006		0.195	0.049	0.006		0.013	0.261	0.012		0.243	0.034	0.033	
73	0.1	0.069	0.026	0.022		0.203	0.118	0.301		0.069	0.027	0.020		0.128	0.102	0.261	
74	0.1	0.022	0.080	0.057		0.398	0.048	0.049		0.048	0.070	0.055		0.276	0.090	0.020	
75	0.1	0.032	0.013	0.002		0.185	0.051	0.055		0.029	0.010	0.007		0.187	0.040	0.063	

Table 29. Average absolute relative bias values for Level-3 parameters based on the re-sampled sample sizes for conditions 76 - 150.

		Level-3 Parameter Absolute Relative Bias																															
	Effect Size	γ_{000}				γ_{001}				γ_{010}				γ_{011}				γ_{100}				γ_{101}				γ_{110}				γ_{111}			
76	0.1	0.028	0.090	0.001		0.011	0.111	0.099		0.033	0.092	0.000		0.025	0.122	0.109		0.026	0.089	0.001		0.024	0.104	0.098		0.035	0.093	0.000		0.031	0.120	0.109	
77	0.1	0.005	0.023	0.007		0.012	0.055	0.076		0.014	0.027	0.007		0.045	0.070	0.062		0.007	0.024	0.007		0.012	0.053	0.077		0.012	0.027	0.009		0.038	0.068	0.063	
78	0.1	0.036	0.028	0.011		0.004	0.043	0.010		0.026	0.036	0.006		0.029	0.027	0.008		0.036	0.026	0.011		0.001	0.045	0.011		0.026	0.034	0.008		0.028	0.025	0.008	
79	0.1	0.036	0.015	0.013		0.243	0.091	0.011		0.041	0.029	0.014		0.254	0.129	0.017		0.034	0.014	0.014		0.243	0.090	0.011		0.042	0.030	0.014		0.257	0.131	0.018	
80	0.1	0.047	0.044	0.003		0.002	0.192	0.002		0.079	0.023	0.006		0.004	0.199	0.006		0.044	0.044	0.003		0.012	0.195	0.002		0.078	0.027	0.006		0.007	0.198	0.007	
81	0.3	0.003	0.005	0.028	0.015	0.160	0.141	0.056	0.032	0.023	0.005	0.023	0.016	0.120	0.153	0.052	0.034	0.001	0.006	0.029	0.015	0.151	0.146	0.054	0.031	0.022	0.005	0.022	0.016	0.116	0.150	0.054	0.034
82	0.3	0.052	0.008	0.045	0.010	0.022	0.071	0.050	0.090	0.003	0.007	0.045	0.009	0.040	0.089	0.057	0.080	0.054	0.009	0.044	0.010	0.016	0.074	0.052	0.090	0.003	0.005	0.045	0.010	0.041	0.091	0.057	0.080
83	0.3	0.020	0.046	0.005	0.000	0.113	0.066	0.037	0.034	0.003	0.049	0.002	0.002	0.070	0.061	0.033	0.031	0.019	0.045	0.004	0.000	0.117	0.068	0.037	0.034	0.003	0.048	0.002	0.002	0.067	0.061	0.033	0.031
84	0.3	0.027	0.027	0.018	0.008	0.039	0.031	0.177	0.059	0.030	0.042	0.019	0.009	0.027	0.016	0.167	0.062	0.026	0.028	0.019	0.009	0.047	0.035	0.178	0.060	0.028	0.042	0.019	0.009	0.017	0.018	0.171	0.062
85	0.3	0.027	0.038	0.004	0.007	0.093	0.024	0.005	0.011	0.007	0.031	0.002	0.007	0.069	0.031	0.005	0.008	0.028	0.038	0.004	0.007	0.093	0.025	0.004	0.010	0.009	0.031	0.001	0.007	0.079	0.030	0.005	0.008
86	0.3	0.020	0.000	0.010	0.004	0.003	0.034	0.050	0.002	0.030	0.011	0.012	0.005	0.001	0.079	0.050	0.001	0.021	0.000	0.009	0.004	0.008	0.038	0.049	0.002	0.030	0.011	0.012	0.005	0.001	0.079	0.050	0.001
87	0.3	0.049	0.011	0.024	0.006	0.049	0.009	0.003	0.003	0.041	0.006	0.025	0.004	0.035	0.007	0.000	0.001	0.048	0.011	0.024	0.006	0.053	0.009	0.003	0.003	0.041	0.004	0.025	0.004	0.033	0.007	0.000	0.001
88	0.3	0.005	0.010	0.003	0.005	0.067	0.018	0.025	0.024	0.001	0.007	0.002	0.006	0.055	0.009	0.030	0.023	0.006	0.011	0.003	0.005	0.065	0.018	0.025	0.024	0.001	0.006	0.002	0.006	0.049	0.009	0.031	0.023
89	0.3	0.025	0.016	0.010	0.004	0.034	0.002	0.006	0.006	0.019	0.021	0.011	0.003	0.038	0.003	0.009	0.006	0.027	0.016	0.010	0.004	0.034	0.004	0.006	0.006	0.017	0.020	0.011	0.003	0.039	0.004	0.009	0.006
90	0.3	0.015	0.017	0.001	0.005	0.007	0.024	0.013	0.016	0.002	0.009	0.000	0.006	0.017	0.024	0.015	0.016	0.015	0.017	0.001	0.004	0.007	0.025	0.012	0.016	0.002	0.009	0.000	0.006	0.016	0.024	0.015	0.016
91	0.3	0.015	0.013	0.002	0.005	0.006	0.041	0.004	0.002	0.002	0.011	0.004	0.005	0.000	0.035	0.007	0.003	0.015	0.013	0.003	0.005	0.002	0.040	0.004	0.002	0.000	0.012	0.004	0.005	0.000	0.036	0.007	0.003
92	0.7	0.010	0.011	0.004	0.006	0.017	0.012	0.010	0.007	0.013	0.012	0.002	0.007	0.031	0.008	0.009	0.005	0.010	0.011	0.004	0.006	0.017	0.013	0.010	0.007	0.013	0.012	0.002	0.007	0.033	0.008	0.009	0.005
93	0.1	0.081	0.060	0.022		0.377	0.404	0.298		0.115	0.060	0.024		0.270	0.471	0.332		0.073	0.057	0.019		0.363	0.397	0.294		0.099	0.057	0.023		0.278	0.477	0.337	
94	0.1	0.029	0.202	0.041		0.309	0.013	0.133		0.031	0.218	0.026		0.343	0.015	0.104		0.024	0.198	0.041		0.336	0.016	0.133		0.032	0.222	0.022		0.379	0.010	0.103	
95	0.1	0.292	0.105	0.043		0.110	0.041	0.006		0.335	0.114	0.049		0.045	0.018	0.016		0.288	0.103	0.044		0.125	0.044	0.004		0.343	0.120	0.047		0.039	0.020	0.014	
96	0.1	0.065	0.087	0.028		0.080	0.334	0.685		0.082	0.127	0.031		0.199	0.332	0.645		0.071	0.087	0.029		0.034	0.326	0.681		0.084	0.128	0.032		0.148	0.322	0.642	
97	0.1	0.121	0.028	0.047		0.183	0.069	0.046		0.127	0.051	0.041		0.278	0.098	0.048		0.116	0.026	0.046		0.188	0.071	0.045		0.135	0.051	0.042		0.282	0.097	0.047	
98	0.1	0.273	0.044	0.049		0.037	0.012	0.130		0.310	0.052	0.040		0.017	0.055	0.131		0.274	0.046	0.049		0.032	0.013	0.129		0.314	0.053	0.040		0.023	0.048	0.131	
99	0.1	0.209	0.126	0.196		0.067	0.220	0.021		0.284	0.147	0.195		0.105	0.217	0.024		0.216	0.125	0.197		0.076	0.221	0.023		0.280	0.146	0.196		0.098	0.210	0.021	
100	0.1	0.118	0.041	0.057		0.109	0.061	0.017		0.126	0.006	0.067		0.086	0.013	0.006		0.104	0.040	0.055		0.096	0.064	0.017		0.128	0.006	0.071		0.093	0.008	0.008	
101	0.1	0.028	0.100	0.016		0.228	0.013	0.123		0.028	0.093	0.008		0.249	0.005	0.100		0.024	0.099	0.015		0.230	0.006	0.124		0.029	0.091	0.007		0.236	0.007	0.101	
102	0.1	0.038	0.026	0.006		0.219	0.159	0.020		0.017	0.028	0.012		0.200	0.219	0.014		0.044	0.028	0.006		0.194	0.162	0.022		0.019	0.025	0.011		0.181	0.213	0.016	
103	0.1	0.002	0.014	0.074		0.017	0.043	0.004		0.035	0.013	0.082		0.032	0.036	0.009		0.003	0.013	0.075		0.017	0.044	0.004		0.033	0.013	0.082		0.021	0.037	0.009	
104	0.1	0.029	0.028	0.017		0.609	0.133	0.106		0.008	0.030	0.018		0.604	0.097	0.122		0.030	0.029	0.017		0.626	0.137	0.110		0.012	0.032	0.020		0.587	0.100	0.125	
105	0.1	0.116	0.024	0.028		0.048	0.008	0.076		0.092	0.007	0.037		0.042	0.019	0.098		0.116	0.023	0.027		0.050	0.010	0.076		0.100	0.008	0.038		0.035	0.017	0.099	
106	0.1	0.053	0.047	0.017		0.052	0.103	0.020		0.052	0.024	0.014		0.043	0.099	0.015		0.058	0.047	0.016		0.056	0.104	0.019		0.049	0.024	0.013		0.055	0.096	0.015	
107	0.1	0.057	0.017	0.037		0.002	0.053	0.018		0.056	0.003	0.036		0.023	0.042	0.011		0.055	0.016	0.037		0.001	0.056	0.018		0.056	0.004	0.036		0.020	0.045	0.011	
108	0.1	0.057	0.048	0.055		0.252	0.116	0.011		0.063	0.049	0.059		0.234	0.122	0.004		0.054	0.047	0.055		0.251	0.114	0.011		0.070	0.048	0.058		0.233	0.127	0.004	
109	0.3	0.038	0.027	0.020	0.016	0.002	0.009	0.025	0.157	0.024	0.033	0.022	0.014	0.005	0.031	0.035	0.174	0.035	0.027	0.021	0.016	0.001	0.010	0.027	0.158	0.028	0.033	0.022	0.014	0.001	0.030	0.033	0.174
110	0.3	0.038	0.019	0.024	0.035	0.084	0.095	0.025	0.014	0.039	0.017	0.019	0.033	0.064	0.108	0.032	0.007	0.037	0.018	0.024	0.035	0.077	0.093	0.025	0.014	0.038	0.018	0.019	0.033	0.053	0.114	0.033	0.007
111	0.3	0.023	0.003	0.015	0.010	0.053	0.081	0.025	0.008	0.022	0.002	0.015	0.010	0.068	0.079	0.027	0.008	0.024	0.003	0.015	0.010	0.057	0.082	0.025	0.008	0.024	0.002	0.015	0.010	0.063	0.080	0.026	0.008
112	0.3	0.000	0.018	0.002	0.002	0.082	0.055	0.114	0.026	0.008	0.018	0.004	0.002	0.063	0.046	0.110	0.022	0.000	0.018	0.002	0.002	0.081	0.055	0.114	0.026	0.008	0.018	0.003	0.002	0.063	0.045	0.111	0.022
113	0.3	0.017	0.028	0.018	0.012	0.020	0.018	0.004	0.002	0.021	0.025	0.018	0.010	0.024	0.025	0.007	0.001	0.018	0.028	0.018	0.011	0.019	0.018	0.005	0.002	0.020	0.024	0.018	0.010	0.027	0.024	0.008	0.001
114	0.3	0.027	0.031	0.008	0.011	0.053	0.065	0.020	0.023	0.042	0.032	0.010	0.011	0.050	0.055	0.016	0.023	0.028	0.031	0.009	0.011	0.060	0.067	0.020	0.022	0.040	0.032	0.010	0.011	0.056	0.056	0.015	0.023
115	0.1	0.070	0.025	0.005		0.588	0.067	0.139		0.058	0.036	0.008		0.739	0.083	0.151		0.067	0.028	0.004		0.581	0.075	0.138		0.057	0.033	0.009		0.722	0.089	0.154	
116	0.1	0.032	0.145	0.174		0.143	0.099	0.025		0.058	0.137	0.172		0.161	0.045	0.004		0.039	0.142	0.178		0.132	0.083	0.021		0.060	0.142	0.173		0.131	0.048	0.007	
117	0.1	0.126	0.054	0.122		0.220	0.230	0.103		0.120	0.055	0.110		0.266	0.198	0.111		0.117	0.055	0.122		0.212	0.225	0.103		0.132	0.052	0.112		0.280	0.194	0.110	
118	0.1	0.026	0.074	0.057		0.405	0.017	0.039		0.087	0.100	0.053		0.315	0.074	0.050		0.026	0.078	0.055		0.414	0.020	0.040		0.102	0.101	0.053		0.292	0.050	0.047	
119	0.1	0.096	0.097	0.026		0.279	0.061	0.068		0.100	0.098	0.036		0.287	0.089	0.050		0.087	0.090	0.026		0.277	0.069	0.067		0.102	0.103	0.034		0.269	0.084	0.052	
120	0.1	0.065	0.025	0.057		0.226	0.095	0.107		0.128	0.008	0.048		0.187	0.146	0.099		0.085	0.021	0.058		0.221	0.096	0.107		0.122	0.007	0.048		0.198	0.146	0.098	
121	0.1	0.143	0.144	0.096		0.018	0.052	0.087		0.080	0.144	0.112		0.027	0.093	0.064		0.143	0.150	0.097		0.012	0.053	0.087		0.085	0.138	0.111		0.025	0.085	0.065	
122	0.1	0.023	0.083	0.007		0.047	0.079	0.037		0.027	0.067	0.002		0.066	0.054	0.059		0.022	0.083	0.006		0.046	0.080	0.035		0.036	0.068	0.003		0.064	0.054	0.061	
123	0.1	0.050	0.055	0.014		0.285	0.017	0.111		0.059	0.064	0.018		0.231	0.009	0.110		0.048	0.054	0.014		0.278	0.015	0.111		0.067	0.062	0.019		0.236	0.011	0.109	
124	0.1	0.008	0.087	0.001		0.248	0.180	0.116		0.029	0.085	0.002		0.271	0.155	0.084		0.008	0.086	0.002		0.270	0.180	0.116		0.029	0.084	0.002		0.269	0.147	0.086	
125	0.1	0.005	0.086	0.036		0.017	0.036	0.016		0.017	0.079	0.026		0.008	0.046	0.021		0.004	0.084	0.037		0.020	0.032	0.015		0.014	0.078	0.026		0.010	0.049	0.020	
126	0.1	0.010	0.020	0.042		0.023	0.045	0.073		0.022	0.025	0.038		0.001	0.098	0.094		0.004	0.021	0.042		0.026	0.033	0.075		0.026	0.027	0.038		0.003	0.103	0.097	
127	0.1	0.030	0.034	0.001		0.062	0.015	0.079		0.014	0.038	0.006		0.036	0.019	0.083		0.028	0.032	0.002		0.056	0.013	0.078		0.012	0.037	0.006		0.044	0.021	0.083	
128	0.1	0.027	0.033	0.043		0.077	0.018	0.064		0.008	0.037	0.042		0.081	0.007	0.069		0.024	0.035	0.044		0.071	0.019	0.063		0.005	0.037	0.042		0.086	0.009	0.069	
129	0.1	0.048	0.024	0.022		0.116	0.054	0.038		0.043	0.025	0.015		0.096	0.049	0.040		0.048	0.024	0.023		0.122	0.052	0.039		0.050	0.026	0.015		0.093	0.050	0.042	
130	0.1	0.003	0.005	0.021		0.114	0.142	0.027		0.000	0.013	0.014		0.050	0.152	0.023		0.001	0.004	0.022		0.126	0.143	0.027		0.004	0.012	0.015		0.058	0.151	0.024	
131	0.3	0.008	0.039	0.004	0.000	0.030	0.169	0.381	0.036	0.007	0.034	0.003	0.004	0.072	0.189	0.378	0.034	0.009	0.039	0.004	0.000	0.029	0.166	0.366	0.036	0.003	0.033	0.003	0.004	0.072	0.187	0.377	0.034
132	0.3	0.117	0.031	0.025	0.023	0.097	0.077	0.013	0.044	0.093	0.033	0.020	0.020	0.115	0.097	0.005	0.052	0.120	0.033	0.025	0.023	0.100	0.080	0.016	0.043	0.091	0.034	0.020	0.020	0.110	0.098	0.005	0.051
133	0.3	0.076	0.043	0.037	0.008	0.174	0.339	0.008	0.032	0.060	0.048	0.034	0.008	0.156	0.358	0.001	0.031	0.080	0.042	0.037	0.008	0.167	0.340	0.008	0.031	0.063	0.048	0.033	0.009	0.153	0.367	0.002	0.031
134	0.3	0.002	0.015	0.013	0.009	0.008	0.051	0.004	0.005	0.001	0.015	0.013	0.008	0.006	0.058	0.002	0.003	0.001	0.016	0.013	0.009	0.011	0.052	0.004	0.005	0.001	0.016	0.013	0.008	0.001	0.057	0.002	0.002
135	0.3	0.014	0.015	0.005	0.009	0.088	0.040	0.195	0.038	0.018	0.014	0.007	0.008	0.120	0.049	0.286	0.039	0.013	0.015	0.005	0.009	0.087	0.036	0.212	0.038	0.019	0.013	0.007	0.007	0.115	0.047	0.282	0.039
136	0.3	0.013	0.017	0.003	0.000	0.036	0.017	0.017	0.016	0.021	0.017	0.002	0.001	0.035	0.016	0.013	0.015	0.013	0.018	0.003	0.000	0.038	0.018	0.017	0.016	0.020	0.016	0.002	0.001	0.035	0.014	0.013	0.015
137	0.3	0.001	0.029	0.000	0.003	0.071	0.015	0.059	0.022	0.002	0.024	0.004	0.002	0.071	0.006	0.067	0.025	0.001	0.028	0.000	0.003	0.070	0.016	0.059	0.022	0.001	0.023	0.005	0.003	0.077	0.003	0.067	0.025
138	0.3	0.007	0.001	0.005	0.004	0.022	0.019	0.018	0.010	0.009	0.004	0.003	0.004	0.026	0.016	0.015	0.009	0.007	0.000	0.005	0.004	0.024	0.019	0.018	0.010	0.008	0.004	0.003	0.004	0.024	0.017	0.015	0.009
139	0.1	0.067	0.003	0.088		0.286	0.686	0.405		0.030	0.009	0.040		0.234	0.772	0.582		0.077	0.005	0.088		0.247	0.706	0.400		0.024	0.012	0.041		0.291	0.794	0.586	
140	0.1	0.037	0.035	0.034		0.220	0.081	0.169		0.057	0.034	0.026		0.051	0.155	0.147		0.042	0.037	0.032		0.223	0.097	0.167		0.055	0.032	0.028		0.002	0.137	0.144	
141	0.1	0.006	0.042	0.091		0.408	0.231	0.027		0.025	0.050	0.085		0.422	0.189	0.020		0.009	0.044	0.092		0.399	0.227	0.027		0.021	0.050	0.085		0.419	0.183	0.015	
142	0.1	0.005	0.085	0.040		0.437	0.669	0.226		0.022	0.140	0.023		0.765	0.484	0.301		0.004	0.087	0.042		0.472	0.669	0.231		0.019	0.138	0.019		0.665	0.515	0.298	
143	0.1	0.089	0.012	0.034		0.123	0.237	0.041		0.009	0.039	0.061		0.146	0.196	0.008		0.079	0.013	0.034		0.120	0.234	0.040		0.004	0.039	0.061		0.121	0.208	0.003	
144	0.1	0.008	0.168	0.068		0.034	0.131	0.049		0.008	0.109	0.081		0.021	0.171	0.055		0.002	0.163	0.068		0.033	0.132	0.051		0.017	0.103	0.083		0.021	0.170	0.057	
145	0.1	0.144	0.093	0.113		0.066	0.062	0.170		0.179	0.081	0.088		0.071	0.099	0.176		0.137	0.094	0.113		0.065	0.061	0.171		0.178	0.077	0.090		0.080	0.107	0.177	
146	0.1	0.021	0.021	0.022		0.449	0.053	0.022		0.013	0.010	0.015		0.583	0.038	0.004		0.014	0.023	0.023		0.446	0.054	0.021		0.011	0.006	0.015		0.598	0.046	0.004	
147	0.1	0.079	0.064	0.022		0.311	0.610	0.221		0.120	0.072	0.027		0.247	0.426	0.244		0.081	0.063	0.023		0.303	0.616	0.223		0.125	0.073	0.027		0.278	0.404	0.246	
148	0.1	0.001	0.026	0.032		0.334	0.135	0.248		0.023	0.040	0.028		0.425	0.086	0.251		0.002	0.026	0.033		0.319	0.131	0.242		0.021	0.037	0.028		0.352	0.090	0.251	
149	0.1	0.115	0.014	0.036		0.109	0.007	0.046		0.094	0.001	0.029		0.050	0.019	0.031		0.117	0.013	0.035		0.104	0.007	0.045		0.095	0.000	0.028		0.048	0.014	0.031	
150	0.1	0.095	0.008	0.021		0.146	0.241	0.248		0.038	0.014	0.006		0.174	0.139	0.252		0.088	0.008	0.022		0.176	0.247	0.249		0.035	0.013	0.007		0.151	0.146	0.252	

Table 30. Average absolute relative bias values for Level-3 parameters based on the re-sampled sample sizes for conditions 151 - 236.

Level-3 Parameter Absolute Relative Bias																																	
	Effect Size	γ_{000}				γ_{001}				γ_{010}				γ_{011}				γ_{100}				γ_{101}				γ_{110}				γ_{111}			
150	0.1	0.095	0.008	0.021		0.146	0.241	0.248		0.038	0.014	0.006		0.174	0.139	0.252		0.088	0.008	0.022		0.176	0.247	0.249		0.035	0.013	0.007		0.151	0.146	0.252	
151	0.1	0.101	0.035	0.029		0.042	0.069	0.077		0.108	0.036	0.032		0.012	0.008	0.090		0.101	0.035	0.029		0.034	0.069	0.077		0.112	0.034	0.031		0.015	0.007	0.089	
152	0.1	0.042	0.002	0.001		0.114	0.035	0.003		0.058	0.020	0.003		0.138	0.044	0.006		0.040	0.002	0.001		0.115	0.034	0.003		0.057	0.016	0.002		0.132	0.043	0.007	
153	0.1	0.024	0.005	0.022		0.040	0.044	0.040		0.009	0.021	0.012		0.081	0.067	0.055		0.022	0.004	0.021		0.032	0.042	0.041		0.017	0.022	0.013		0.091	0.066	0.054	
154	0.1	0.026	0.028	0.023		0.221	0.128	0.057		0.031	0.029	0.022		0.047	0.085	0.057		0.031	0.027	0.023		0.222	0.127	0.056		0.028	0.029	0.021		0.039	0.084	0.056	
155	0.3	0.022	0.014	0.050	0.026	0.453	0.139	0.186	0.082	0.038	0.018	0.057	0.028	0.667	0.117	0.156	0.087	0.026	0.014	0.050	0.026	0.465	0.144	0.187	0.082	0.042	0.017	0.057	0.028	0.661	0.116	0.156	0.087
156	0.3	0.014	0.062	0.001	0.000	0.486	0.113	0.039	0.010	0.038	0.064	0.010	0.002	0.408	0.170	0.073	0.004	0.012	0.062	0.001	0.000	0.478	0.106	0.036	0.011	0.038	0.063	0.010	0.002	0.398	0.173	0.076	0.005
157	0.3	0.026	0.057	0.027	0.024	0.003	0.028	0.024	0.039	0.041	0.053	0.026	0.031	0.018	0.021	0.027	0.039	0.026	0.058	0.027	0.024	0.005	0.030	0.024	0.039	0.044	0.052	0.026	0.031	0.018	0.020	0.027	0.040
158	0.3	0.015	0.010	0.004	0.001	0.051	0.098	0.067	0.105	0.004	0.006	0.010	0.006	0.047	0.037	0.060	0.106	0.017	0.010	0.004	0.001	0.042	0.093	0.068	0.105	0.001	0.009	0.010	0.006	0.045	0.034	0.059	0.106
159	0.3	0.004	0.073	0.007	0.000	0.029	0.002	0.023	0.021	0.023	0.082	0.005	0.002	0.073	0.014	0.026	0.011	0.006	0.074	0.006	0.000	0.029	0.001	0.023	0.021	0.021	0.080	0.006	0.001	0.078	0.011	0.025	0.011
160	0.3	0.063	0.019	0.015	0.025	0.065	0.090	0.008	0.003	0.049	0.020	0.011	0.022	0.084	0.084	0.013	0.003	0.063	0.018	0.015	0.025	0.063	0.093	0.008	0.003	0.056	0.021	0.012	0.022	0.089	0.082	0.015	0.003
161	0.3	0.023	0.023	0.027	0.015	0.119	0.022	0.004	0.012	0.054	0.021	0.012	0.017	0.131	0.044	0.010	0.011	0.021	0.022	0.026	0.015	0.113	0.023	0.005	0.011	0.054	0.019	0.013	0.018	0.126	0.039	0.012	0.011
162	0.3	0.026	0.007	0.049	0.001	0.096	0.050	0.056	0.031	0.020	0.016	0.059	0.004	0.110	0.016	0.040	0.028	0.026	0.007	0.050	0.001	0.093	0.050	0.056	0.031	0.020	0.015	0.059	0.003	0.113	0.017	0.041	0.028
163	0.3	0.016	0.013	0.010	0.000	0.068	0.035	0.002	0.005	0.009	0.010	0.008	0.000	0.050	0.026	0.002	0.001	0.017	0.014	0.010	0.000	0.067	0.034	0.002	0.005	0.006	0.010	0.009	0.000	0.048	0.031	0.002	0.001
164	0.3	0.008	0.002	0.008	0.004	0.092	0.157	0.012	0.022	0.022	0.005	0.009	0.005	0.013	0.188	0.020	0.034	0.008	0.002	0.008	0.004	0.105	0.157	0.012	0.023	0.021	0.005	0.009	0.005	0.020	0.191	0.023	0.034
165	0.3	0.011	0.021	0.012	0.013	0.022	0.015	0.009	0.021	0.027	0.023	0.009	0.012	0.014	0.021	0.015	0.022	0.011	0.021	0.012	0.013	0.022	0.014	0.009	0.021	0.028	0.024	0.009	0.012	0.015	0.020	0.015	0.022
166	0.3	0.027	0.019	0.004	0.003	0.107	0.039	0.005	0.076	0.019	0.021	0.001	0.001	0.117	0.006	0.014	0.075	0.026	0.020	0.003	0.003	0.129	0.036	0.004	0.076	0.018	0.020	0.001	0.001	0.107	0.006	0.014	0.076
167	0.3	0.013	0.022	0.015	0.011	0.007	0.065	0.005	0.011	0.035	0.017	0.007	0.012	0.002	0.062	0.000	0.014	0.014	0.021	0.015	0.012	0.004	0.063	0.005	0.011	0.036	0.018	0.007	0.012	0.006	0.062	0.000	0.015
168	0.3	0.011	0.010	0.000	0.005	0.029	0.007	0.023	0.018	0.006	0.012	0.001	0.004	0.020	0.020	0.021	0.016	0.011	0.010	0.000	0.005	0.030	0.006	0.023	0.018	0.005	0.013	0.001	0.004	0.020	0.020	0.021	0.016
169	0.3	0.039	0.004	0.003	0.001	0.005	0.021	0.024	0.006	0.027	0.006	0.005	0.001	0.011	0.007	0.028	0.005	0.037	0.004	0.003	0.001	0.003	0.021	0.024	0.006	0.028	0.007	0.005	0.001	0.013	0.008	0.027	0.004
170	0.3	0.033	0.001	0.002	0.004	0.011	0.067	0.001	0.011	0.047	0.007	0.001	0.005	0.013	0.058	0.001	0.012	0.032	0.000	0.002	0.004	0.012	0.068	0.001	0.011	0.047	0.008	0.001	0.005	0.013	0.057	0.001	0.012
171	0.7	0.014	0.014	0.008	0.001	0.160	0.004	0.039	0.082	0.013	0.011	0.008	0.001	0.114	0.050	0.049	0.092	0.014	0.014	0.008	0.001	0.152	0.003	0.039	0.082	0.011	0.010	0.008	0.001	0.119	0.052	0.049	0.093
172	0.7	0.002	0.007	0.006	0.002	0.012	0.026	0.007	0.018	0.003	0.006	0.006	0.001	0.003	0.037	0.008	0.019	0.002	0.007	0.006	0.002	0.011	0.026	0.007	0.018	0.002	0.006	0.006	0.001	0.001	0.037	0.008	0.019
173	0.7	0.000	0.004	0.001	0.001	0.022	0.069	0.035	0.006	0.009	0.001	0.002	0.000	0.058	0.081	0.034	0.009	0.001	0.004	0.001	0.001	0.019	0.068	0.035	0.006	0.007	0.001	0.002	0.000	0.062	0.083	0.034	0.009
174	0.7	0.000	0.010	0.003	0.002	0.028	0.026	0.110	0.048	0.007	0.006	0.005	0.002	0.022	0.028	0.131	0.044	0.001	0.009	0.003	0.002	0.028	0.026	0.109	0.048	0.007	0.006	0.005	0.002	0.026	0.030	0.132	0.044
175	0.1	0.071	0.029	0.062		0.750	0.763	0.576		0.183	0.047	0.064		0.467	0.602	0.426		0.068	0.030	0.063		0.756	0.772	0.576		0.181	0.045	0.064		0.430	0.638	0.422	
176	0.1	0.003	0.051	0.005		0.043	0.926	0.148		0.005	0.051	0.003		0.181	0.901	0.145		0.008	0.053	0.005		0.045	0.921	0.150		0.005	0.046	0.006		0.184	0.895	0.143	
177	0.1	0.139	0.016	0.122		0.031	0.003	0.068		0.192	0.010	0.112		0.028	0.031	0.085		0.144	0.018	0.121		0.038	0.005	0.066		0.198	0.012	0.113		0.043	0.032	0.085	
178	0.1	0.005	0.036	0.064		0.528	0.587	0.139		0.034	0.045	0.073		0.553	0.602	0.086		0.000	0.032	0.064		0.541	0.580	0.143		0.045	0.037	0.073		0.566	0.562	0.097	
179	0.1	0.100	0.111	0.044		0.546	0.067	0.049		0.042	0.071	0.036		0.557	0.052	0.048		0.086	0.111	0.044		0.542	0.065	0.053		0.037	0.080	0.039		0.533	0.067	0.054	
180	0.1	0.104	0.068	0.134		0.218	0.001	0.097		0.105	0.069	0.119		0.188	0.039	0.107		0.103	0.073	0.134		0.211	0.002	0.100		0.100	0.072	0.117		0.174	0.027	0.105	
181	0.1	0.129	0.056	0.036		0.003	0.230	0.121		0.185	0.044	0.032		0.141	0.200	0.153		0.131	0.056	0.038		0.012	0.230	0.121		0.185	0.047	0.031		0.138	0.193	0.156	
182	0.1	0.278	0.074	0.039		0.310	0.123	0.109		0.275	0.069	0.037		0.365	0.108	0.090		0.277	0.073	0.038		0.331	0.121	0.112		0.281	0.066	0.038		0.395	0.102	0.090	
183	0.1	0.079	0.022	0.008		0.169	0.226	0.235		0.050	0.040	0.012		0.129	0.199	0.209		0.077	0.023	0.007		0.178	0.221	0.233		0.055	0.039	0.014		0.108	0.198	0.209	
184	0.1	0.006	0.005	0.025		0.846	0.134	0.110		0.027	0.007	0.012		0.392	0.190	0.101		0.002	0.005	0.025		0.855	0.141	0.112		0.034	0.007	0.013		0.438	0.196	0.093	
185	0.1	0.012	0.025	0.017		0.034	0.173	0.053		0.024	0.041	0.023		0.047	0.128	0.053		0.013	0.026	0.018		0.024	0.172	0.053		0.025	0.039	0.022		0.015	0.134	0.051	
186	0.1	0.015	0.011	0.007		0.105	0.288	0.112		0.011	0.036	0.006		0.038	0.285	0.028		0.020	0.008	0.006		0.104	0.274	0.115		0.014	0.036	0.006		0.054	0.281	0.040	
187	0.1	0.071	0.055	0.032		0.093	0.005	0.083		0.108	0.071	0.037		0.056	0.011	0.087		0.069	0.053	0.033		0.093	0.003	0.084		0.102	0.071	0.037		0.070	0.010	0.087	
188	0.1	0.048	0.043	0.027		0.089	0.095	0.090		0.058	0.023	0.031		0.095	0.073	0.081		0.047	0.043	0.027		0.090	0.095	0.090		0.068	0.025	0.031		0.084	0.074	0.082	
189	0.1	0.044	0.010	0.042		0.075	0.009	0.001		0.028	0.028	0.035		0.088	0.007	0.013		0.044	0.011	0.042		0.074	0.013	0.000		0.029	0.026	0.034		0.072	0.009	0.012	
190	0.1	0.128	0.017	0.023		0.222	0.276	0.005		0.113	0.010	0.029		0.251	0.234	0.004		0.124	0.018	0.023		0.210	0.278	0.004		0.110	0.014	0.030		0.257	0.237	0.002	
191	0.3	0.037	0.060	0.006	0.018	0.053	0.219	0.084	0.026	0.026	0.061	0.001	0.015	0.133	0.230	0.101	0.027	0.037	0.061	0.006	0.017	0.047	0.215	0.084	0.026	0.022	0.060	0.001	0.015	0.148	0.196	0.101	0.028
192	0.3	0.026	0.020	0.009	0.010	0.182	0.031	0.101	0.013	0.012	0.017	0.009	0.010	0.234	0.011	0.120	0.008	0.030	0.020	0.009	0.010	0.180	0.025	0.100	0.014	0.012	0.018	0.008	0.010	0.215	0.012	0.119	0.009
193	0.3	0.024	0.009	0.002	0.005	0.088	0.037	0.036	0.023	0.023	0.010	0.003	0.008	0.149	0.023	0.033	0.022	0.026	0.010	0.002	0.005	0.091	0.034	0.035	0.023	0.021	0.009	0.003	0.008	0.143	0.019	0.032	0.023
194	0.3	0.058	0.011	0.003	0.012	0.122	0.345	0.030	0.095	0.068	0.008	0.007	0.013	0.163	0.294	0.035	0.092	0.059	0.011	0.003	0.012	0.113	0.347	0.030	0.094	0.068	0.007	0.006	0.013	0.170	0.290	0.036	0.091
195	0.3	0.005	0.013	0.004	0.013	0.017	0.026	0.124	0.002	0.032	0.005	0.005	0.014	0.044	0.038	0.127	0.002	0.008	0.011	0.004	0.013	0.019	0.029	0.124	0.002	0.036	0.003	0.006	0.014	0.026	0.036	0.128	0.002
196	0.3	0.007	0.033	0.013	0.002	0.028	0.037	0.157	0.018	0.017	0.037	0.010	0.003	0.025	0.006	0.147	0.016	0.006	0.033	0.013	0.002	0.032	0.038	0.157	0.018	0.018	0.036	0.010	0.003	0.023	0.015	0.148	0.016
197	0.3	0.036	0.010	0.002	0.013	0.143	0.020	0.031	0.061	0.048	0.003	0.002	0.012	0.205	0.012	0.028	0.057	0.034	0.010	0.002	0.013	0.141	0.019	0.032	0.061	0.048	0.005	0.003	0.012	0.190	0.016	0.026	0.057
198	0.3	0.010	0.008	0.008	0.004	0.030	0.005	0.015	0.011	0.003	0.003	0.012	0.004	0.034	0.024	0.015	0.013	0.010	0.008	0.008	0.004	0.033	0.006	0.016	0.011	0.004	0.003	0.011	0.004	0.033	0.022	0.016	0.012
199	0.3	0.012	0.023	0.005	0.011	0.099	0.004	0.020	0.020	0.009	0.018	0.006	0.011	0.110	0.004	0.021	0.021	0.011	0.022	0.005	0.011	0.098	0.004	0.019	0.020	0.011	0.019	0.006	0.011	0.105	0.004	0.021	0.021
200	0.3	0.004	0.010	0.008	0.008	0.006	0.031	0.017	0.010	0.005	0.010	0.010	0.009	0.005	0.041	0.016	0.008	0.004	0.011	0.008	0.008	0.005	0.031	0.017	0.010	0.004	0.009	0.010	0.009	0.006	0.040	0.016	0.008
201	0.3	0.009	0.007	0.006	0.007	0.018	0.022	0.007	0.002	0.003	0.007	0.007	0.006	0.015	0.021	0.006	0.001	0.008	0.007	0.006	0.007	0.017	0.023	0.007	0.002	0.002	0.008	0.007	0.006	0.019	0.022	0.006	0.001
202	0.3	0.014	0.014	0.007	0.001	0.017	0.004	0.008	0.006	0.019	0.012	0.005	0.002	0.026	0.005	0.002	0.004	0.013	0.014	0.007	0.001	0.014	0.004	0.008	0.006	0.020	0.011	0.006	0.002	0.029	0.005	0.002	0.005
203	0.3	0.034	0.028	0.012	0.004	0.058	0.033	0.011	0.007	0.020	0.020	0.008	0.002	0.070	0.035	0.007	0.005	0.036	0.028	0.012	0.004	0.056	0.033	0.011	0.007	0.019	0.020	0.008	0.002	0.067	0.035	0.007	0.005
204	0.7	0.003	0.003	0.008	0.001	0.004	0.008	0.006	0.023	0.002	0.004	0.006	0.001	0.024	0.006	0.007	0.020	0.003	0.003	0.008	0.001	0.001	0.007	0.005	0.023	0.002	0.004	0.006	0.001	0.025	0.008	0.007	0.020
205	0.7	0.002	0.002	0.006	0.003	0.019	0.022	0.030	0.015	0.003	0.005	0.005	0.003	0.002	0.018	0.028	0.016	0.002	0.002	0.006	0.003	0.020	0.021	0.030	0.015	0.003	0.005	0.005	0.003	0.002	0.014	0.028	0.017
206	0.1	0.156	0.009	0.029		1.363	0.813	0.051		0.213	0.025	0.054		1.454	0.907	0.095		0.159	0.009	0.028		1.324	0.809	0.052		0.208	0.026	0.053		1.378	0.884	0.094	
207	0.1	0.007	0.151	0.033		0.377	0.742	0.358		0.019	0.120	0.039		0.459	0.891	0.327		0.002	0.152	0.031		0.394	0.739	0.365		0.007	0.125	0.039		0.468	0.911	0.332	
208	0.1	0.318	0.008	0.016		0.445	0.076	0.026		0.404	0.002	0.001		0.265	0.098	0.001		0.316	0.008	0.016		0.456	0.087	0.028		0.404	0.003	0.001		0.256	0.087	0.001	
209	0.1	0.022	0.006	0.088		0.826	0.204	0.340		0.008	0.032	0.091		0.671	0.123	0.359		0.022	0.006	0.087		0.840	0.236	0.344		0.018	0.025	0.091		0.665	0.160	0.361	
210	0.1	0.163	0.053	0.124		0.216	0.103	0.282		0.144	0.058	0.114		0.134	0.076	0.292		0.163	0.050	0.125		0.215	0.091	0.282		0.153	0.058	0.113		0.149	0.068	0.293	
211	0.1	0.022	0.165	0.065		0.056	0.037	0.037		0.012	0.148	0.076		0.148	0.012	0.035		0.030	0.164	0.065		0.057	0.035	0.036		0.007	0.143	0.077		0.133	0.014	0.034	
212	0.1	0.041	0.010	0.073		0.203	0.130	0.150		0.051	0.015	0.069		0.280	0.053	0.152		0.044	0.015	0.072		0.207	0.123	0.150		0.056	0.016	0.069		0.261	0.070	0.157	
213	0.1	0.163	0.026	0.022		0.296	0.013	0.169		0.205	0.087	0.007		0.238	0.051	0.196		0.164	0.029	0.022		0.274	0.019	0.169		0.202	0.082	0.007		0.231	0.048	0.194	
214	0.1	0.039	0.057	0.048		0.119	0.136	0.062		0.044	0.049	0.048		0.173	0.127	0.113		0.038	0.058	0.048		0.125	0.164	0.061		0.042	0.049	0.048		0.181	0.136	0.112	
215	0.1	0.052	0.016	0.003		0.068	0.026	0.247		0.079	0.028	0.003		0.069	0.095	0.134		0.055	0.015	0.003		0.071	0.026	0.244		0.078	0.029	0.004		0.097	0.107	0.131	
216	0.1	0.050	0.064	0.020		0.052	0.072	0.034		0.021	0.092	0.009		0.023	0.075	0.036		0.049	0.065	0.020		0.057	0.073	0.035		0.016	0.088	0.010		0.026	0.073	0.035	
217	0.1	0.094	0.007	0.052		0.046	0.043	0.201		0.081	0.013	0.051		0.128	0.052	0.201		0.096	0.009	0.052		0.045	0.046	0.202		0.073	0.016	0.050		0.123	0.063	0.201	
218	0.1	0.029	0.085	0.010		0.057	0.050	0.000		0.001	0.079	0.008		0.036	0.048	0.015		0.029	0.085	0.010		0.054	0.055	0.001		0.002	0.079	0.007		0.038	0.052	0.015	
219	0.1	0.000	0.016	0.036		0.157	0.140	0.042		0.009	0.014	0.042		0.155	0.115	0.027		0.001	0.018	0.037		0.161	0.139	0.043		0.006	0.016	0.042		0.161	0.114	0.029	
220	0.1	0.033	0.044	0.017		0.063	0.016	0.093		0.003	0.049	0.022		0.060	0.034	0.112		0.031	0.040	0.017		0.064	0.013	0.093		0.004	0.053	0.021		0.073	0.037	0.113	
221	0.1	0.041	0.006	0.023		0.004	0.095	0.052		0.034	0.005	0.025		0.020	0.122	0.055		0.043	0.006	0.023		0.001	0.095	0.052		0.034	0.005	0.026		0.008	0.115	0.055	
222	0.3	0.080	0.005	0.002	0.005	0.255	0.031	0.064	0.087	0.108	0.005	0.009	0.004	0.053	0.041	0.080	0.107	0.080	0.005	0.002	0.005	0.243	0.034	0.064	0.086	0.106	0.005	0.009	0.004	0.051	0.046	0.076	0.108
223	0.3	0.086	0.042	0.003	0.019	0.009	0.071	0.125	0.033	0.085	0.022	0.004	0.020	0.065	0.110	0.137	0.026	0.085	0.042	0.003	0.019	0.011	0.068	0.124	0.034	0.085	0.023	0.004	0.020	0.075	0.100	0.139	0.027
224	0.3	0.038	0.002	0.012	0.015	0.036	0.191	0.046	0.016	0.040	0.004	0.016	0.011	0.010	0.163	0.035	0.018	0.040	0.002	0.012	0.015	0.033	0.188	0.045	0.016	0.044	0.004	0.016	0.011	0.010	0.168	0.035	0.017
225	0.3	0.021	0.030	0.002	0.016	0.076	0.132	0.139	0.069	0.012	0.032	0.001	0.016	0.084	0.155	0.140	0.058	0.025	0.029	0.002	0.016	0.070	0.133	0.141	0.069	0.011	0.033	0.001	0.016	0.084	0.157	0.143	0.058
226	0.3	0.003	0.010	0.033	0.008	0.067	0.002	0.123	0.026	0.001	0.021	0.032	0.007	0.075	0.018	0.113	0.034	0.007	0.010	0.033	0.008	0.065	0.002	0.124	0.026	0.000	0.023	0.032	0.007	0.082	0.015	0.113	0.034
227	0.3	0.004	0.003	0.005	0.003	0.052	0.072	0.016	0.018	0.008	0.002	0.005	0.002	0.050	0.063	0.019	0.016	0.004	0.003	0.005	0.003	0.054	0.074	0.017	0.017	0.005	0.002	0.006	0.002	0.054	0.063	0.018	0.016
228	0.3	0.002	0.004	0.001	0.005	0.065	0.156	0.041	0.001	0.009	0.007	0.001	0.007	0.067	0.205	0.043	0.003	0.002	0.004	0.001	0.005	0.065	0.157	0.040	0.001	0.007	0.007	0.001	0.007	0.058	0.202	0.045	0.002
229	0.3	0.014	0.002	0.008	0.004	0.046	0.003	0.006	0.030	0.016	0.005	0.010	0.004	0.060	0.001	0.003	0.028	0.013	0.002	0.008	0.003	0.048	0.003	0.006	0.030	0.019	0.006	0.010	0.004	0.057	0.001	0.003	0.028
230	0.3	0.014	0.008	0.015	0.002	0.046	0.099	0.011	0.011	0.026	0.008	0.014	0.002	0.020	0.105	0.012	0.017	0.015	0.009	0.015	0.002	0.048	0.099	0.011	0.011	0.027	0.008	0.013	0.002	0.015	0.104	0.012	0.018
231	0.3	0.010	0.006	0.004	0.001	0.070	0.004	0.005	0.013	0.016	0.006	0.005	0.000	0.079	0.014	0.007	0.013	0.011	0.005	0.004	0.001	0.071	0.003	0.005	0.013	0.016	0.006	0.005	0.000	0.078	0.017	0.007	0.013
232	0.3	0.037	0.002	0.006	0.009	0.011	0.031	0.004	0.006	0.032	0.002	0.006	0.011	0.001	0.033	0.000	0.006	0.038	0.001	0.006	0.009	0.010	0.031	0.005	0.006	0.034	0.002	0.006	0.010	0.000	0.033	0.001	0.005
233	0.3	0.029	0.011	0.014	0.002	0.091	0.082	0.027	0.012	0.025	0.011	0.015	0.002	0.101	0.078	0.027	0.012	0.028	0.011	0.014	0.002	0.093	0.081	0.026	0.012	0.024	0.012	0.015	0.002	0.105	0.077	0.026	0.012
234	0.3	0.018	0.018	0.003	0.006	0.064	0.027	0.035	0.013	0.020	0.019	0.005	0.007	0.070	0.022	0.036	0.012	0.019	0.018	0.003	0.006	0.061	0.025	0.036	0.013	0.020	0.020	0.005	0.007	0.069	0.023	0.037	0.012
235	0.7	0.016	0.001	0.001	0.000	0.024	0.024	0.015	0.033	0.018	0.003	0.001	0.001	0.040	0.022	0.010	0.029	0.015	0.001	0.001	0.000	0.022	0.023	0.015	0.033	0.018	0.003	0.001	0.001	0.042	0.022	0.010	0.029
236	0.7	0.006	0.001	0.000	0.002	0.008	0.003	0.023	0.004	0.008	0.002	0.000	0.002	0.008	0.013	0.025	0.003	0.006	0.001	0.000	0.002	0.011	0.003	0.024	0.004	0.009	0.001	0.000	0.001	0.005	0.014	0.025	0.003

In general, for a Level-3 HLM with small sample sizes in order to achieve sufficient power of 0.80 for different effect sizes this research found that:

- For effect size 0.7, Level-3 intercept parameters (γ_{000}, γ_{100}, γ_{010}, γ_{110}) with small sample sizes achieved minimum sufficient power of 0.80 when re-sampled between 50 and 100 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0$, and less than 30 sample sizes per level with initial error variance $\sigma_e^2 = 2.0$.

- Level-3 slope parameters (γ_{001}, γ_{101}, γ_{011}, γ_{111}) with effect size 0.7 and small sample sizes came close to achieving minimum sufficient power of 0.80 when re-sampled to 200 sample sizes per each level with initial error variance $\sigma_e^2 = 1.0$, and did achieve minimum sufficient power when re-sampled to 100 sample sizes per each level with initial error variance $\sigma_e^2 = 2.0$. For both cases, the re-sampled sample size depended on the level predictor variances.

- The intercept and slope parameters with effect size 0.3 and small sample sizes, achieved minimum power of 0.80 when re-sampled to 200 sample sizes per each level with initial error variance $\sigma_e^2 = 2.0$.

- Both intercept and slope parameters with effect size 0.1 and initial error variance ($\sigma_e^2 = 1.0, 2.0$) did not achieve minimum sufficient power when re-sampled to 200 sample sizes per each level.

- As effect size increased from 0.1 to 0.7, the bias for all Level-3 parameters decreases for all predictor and error variances considered.

- The bias for initial error variance scenarios with $\sigma_e^2 = 1.0$ is less than those with $\sigma_e^2 = 2.0$.

- For effect sizes 0.3 and 0.7 as the considered re-sampled sample size increases, the parameter bias increases.

- The overall average relative bias ranged from 0.00 to 0.30.

Summary.

For operationally realistic small sample sizes, when the parameters of Level-2 and Level-3 HLMs did not achieve minimum sufficient power of 0.80 for specific scenarios based on level predictor variances, initial error variance, and effect size, the small sample sizes considered were re-sampled to larger samples per each level. Depending on the level predictor variances, in general, when re-sampled sample sizes were considered, for medium and high effect sizes (0.3 and 0.7) minimum sufficient power of 0.80 was achieved. Though as the re-sampled sample size increased per each level, not only did the computation time exponentially increase, but the absolute relative bias did as well.

The re-sampling procedure demonstrated in this research shows that due to limitations such as population size, cost, access to data (i.e., analysts), and changing environments, minimum sufficient power could still be achieved for multi-level models and average absolute relative bias estimated primarily depending on effect size. The re-sampled sample sizes per each level introduced and shown in this research is a simulation procedure that does not directly interfere with the work effort or performance of operational HLMs. Though due to software limitations and run times, larger re-sampling and higher levels were not achievable. Further, with this caution in mind, larger sample sizes could be explored. However, we caution that the user should consider the smallest sample size required for the re-sampling and that at some point re-sampling sample size requirements could be too large in order to return appropriate level of absolute relative bias. With advancements in the software capabilities and computing power this process can be applied to higher levels and larger re-sampled sample sizes with greater precision in comparison to results from Level-2 and Level-3 scaled comparably.

To assess human-machine system performance, this research investigated the operational multi-level model the Air Force Distributed Command Ground System (AF DCGS). The AF DCGS is a Level-4 HLM and the Level-3 and Level-4 details are in Chapter V. Through power calculations, this research shows the need and benefit of the re-sampling procedure introduced in this research for sample size criteria.

V. Research Objective 3: Notional Example of DCGS Operational Application

5.1 Level-3 and Level-4 Air Force Notional DCGS Example

To understand Level-3 and Level-4 HLM human-machine systems, we primarily focus on the notional example of the Air Force Distributed Command Ground System Full Motion Video (AF DCGS FMV) PED cell consisting of the following five analyst positions: Eyes On, Screener, Eyes Off, MSA and Geo. The roles for each of these analysts is outlined in Table 31. The DCGS PED cell is a team of analysts that is given a list of Essential Elements of Information (EEIs) from customers down range. The EEIs define information needed to be captured and recorded within PowerPoint slides for evaluation and decision making. The PowerPoint slides are products and the workflow of the products and their accuracy can be measured by product accuracy and duration, communication, human interface, subjective metrics, and physiological metrics, outlined in Figure 52.

Position	**Roles**
Eyes On	- Observes the full-motion video (FMV) feed and interprets activities in the world as spoken verbalizations
Screener	- Leads and manages PED team - Captures Eyes On Interpretations as text - Disseminates findings and products - Maintains mission situational awareness - Coordinates with Partners
Eyes Off	- Backup support for Eyes On - Support MSA as needed in product generation
MSA	- Generates products - Coordinates with DOF for analytical enrichments
Geo	- Monitors “global” view of FMV - Supports maintenance of mission situational awareness - Supports MSA as needed in product generation

Table 31. Possible DCGS analyst positions and roles.

To understand the workflow of the DCGS for this specific Level-3 and Level-4 HLM application, assume a customer requested a single PowerPoint slide to be a product. To

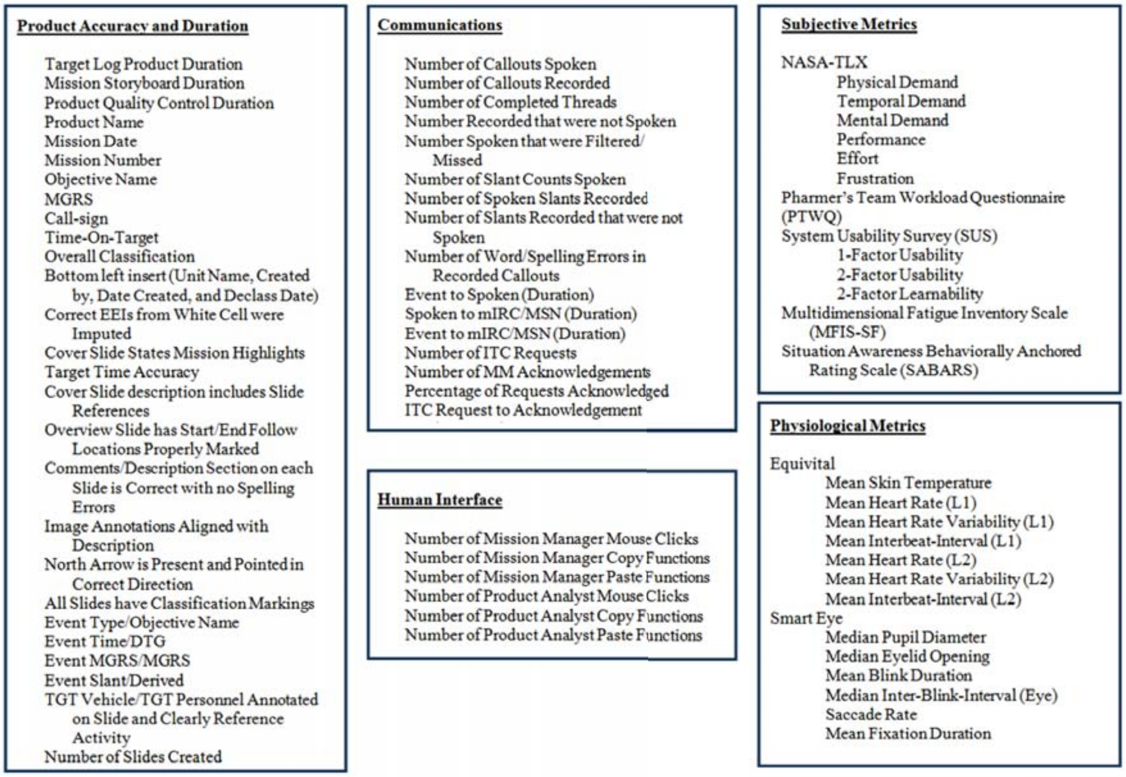

Figure 52. DGS-SOF PED cell metrics

determine the time in minutes to complete and submit a product to customer, (Y_{ijkl}), consider a Level-4 HLM model to be composed of the following levels: time to detect an EEI (Level-1: predictor variable A_{ijkl}), time to capture a callout in a chat (Level-2: predictor variable X_{ijkl}), time to create a product with request (Level-3: predictor variable X_{ijkl}), and time to quality control (QC) a product (Level-4: predictor variable Z_{ijkl}). The full Level-4 HLM for DCGS FMV is

$$
\begin{aligned}
Y_{ijkl} = {} & \delta_{0000} + \delta_{1000}A_{ijkl} + \delta_{0100}X_{ijkl} + \delta_{0010}W_{ijkl} + \delta_{0001}Z_{ijkl} + \delta_{1100}A_{ijkl}X_{ijkl} + \delta_{1010}A_{ijkl}W_{ijkl} \\
& + \delta_{1001}A_{ijkl}Z_{ijkl} + \delta_{0110}X_{ijkl}W_{ijkl} + \delta_{0101}X_{ijkl}Z_{ijkl} + \delta_{0011}W_{ijkl}Z_{ijkl} + \delta_{1110}A_{ijkl}X_{ijkl}W_{ijkl} \\
& + \delta_{1101}A_{ijkl}X_{ijkl}Z_{ijkl} + \delta_{1011}A_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{0111}X_{ijkl}W_{ijkl}Z_{ijkl} + \delta_{1111}A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl} \\
& + v_{111l}A_{ijkl}X_{ijkl}W_{ijkl} + v_{011l}X_{ijkl}W_{ijkl} + v_{101l}A_{ijkl}W_{ijkl} + v_{110l}A_{ijkl}X_{ijkl} \\
& + v_{001l}W_{ijkl} + v_{010l}X_{ijkl} + v_{100l}A_{ijkl} + v_{000l} \\
& + u_{11kl}A_{ijkl}X_{ijkl} + u_{00kl} + u_{01kl}X_{ijkl} + u_{10kl}A_{ijkl} + r_{1jkl}A_{ijkl} + r_{0jkl} + e_{ijkl}.
\end{aligned}
$$

In the absence of data, the predictor and error variance distributions of a hypothetical model are developed based on subject matter expert (SME) opinion. The distributions provided might not be normal, such as in this case, and normal transformations should be applied to use the findings of Research Objective 1 and 2 of this research to coincide with HLM assumptions. The final specific level distributions and transformations are outlined in Table 32. The current DCGS community consists of about 1,000 full-motion video (FMV) analysts and the associated sample sizes available at Level-1, Level-2, Level-3, and Level-4 are: 5 (for n), 8 (for g), 5 (for h), and 5 (for f), respectively [1, 2]. That is, 5 analysts per a PED (Level-2 individual), 8 PEDs per a unit (Level-2 team), 5 units per a site (Level-3 unit), and 5 sites total (Level-4 organization). Within the DCGS community, we assume the novice (less experienced) analyst models, PED cell, unit, and organization have more variability per level (e.g., error variance by level $\sigma_e^2, \sigma_r^2, \sigma_u^2, \sigma_v^2$) than the expert (more experienced) analyst models. This notional application compares both the novice and expert analyst models for both a Level-3 and Level-4 HLM.

Table 32. Notional example of DCGS application and associated distributions by level

Level	Predictor Variable	Level Representation in Time	Assumed Distribution	Transformed Distribution
1	A_{ijkl}	time to detect an EEI	$Gamma(1.0, 0.07)$	Box-Cox $\lambda = 0.04$ $N(8.82, 23.43)$
2	X_{ijkl}	time to capture a callout in a chat	$Uniform(1, 2)$	$N(0.0016, 0.9943)$
3	W_{ijkl}	time to create a product with request	$Gamma(3.0, 1.11)$	Box-Cox $\lambda = 1.44$ $N(-1.49, 0.0045)$
4	Z_{ijkl}	time to perform quality control of a product	N(10,18.06)	
	Y_{ijkl}	Total time to complete and submit a product to customer	$Gamma(3.0, 3.0)$	Box-Cox $\lambda = 1.022$ $N(0.025, 0.0064)$

The Level-1 predictor, A_{ijkl}, is the time in minutes to detect an EEI. The data follows a

gamma distribution such that the median is 0.083 minutes (Equation 34) and almost all the EEIs (0.999) are detected within 0.333 minutes (Equation 35). These properties are given by:

$$\int_0^{0.083} \frac{1}{\Gamma(\alpha)\beta^{\alpha}} x^{\alpha-1} e^{-x/\beta} dx = 0.50, \tag{34}$$

$$\int_0^{0.333} \frac{1}{\Gamma(\alpha)\beta^{\alpha}} x^{\alpha-1} e^{-x/\beta} dx = 0.999. \tag{35}$$

Solving for α and β, the approximated gamma distribution is $Gamma(1.0, 0.07)$, (Figure 53), such that:

$$\int_0^{0.083} \frac{1}{\Gamma(1)0.07^1} x^{1-1} e^{-x/0.07} dx = \int_0^{0.083} \frac{1}{0.07} e^{-x/0.07} dx = 0.511,$$

$$\int_0^{0.333} \frac{1}{\Gamma(1)0.07^1} x^{1-1} e^{-x/0.07} dx = \int_0^{0.333} \frac{1}{0.07} e^{-x/0.07} dx = 0.999.$$

To approximate a normal distribution, 10,000 $Gamma(1.0, 0.7)$ iterations were run and the Box-Cox transformation with $\lambda = 0.04$ was found such that:

$$Box - Cox_{Gamma(1.0,0.07)} = \frac{{y_{Gamma(1.0,0.07)}}^{0.04} - 1}{0.01867}. \tag{36}$$

Therefore, the transformed Level-1 predictor distribution is $A_{ijkl} \sim N(8.82, 23.43)$, as given in Table 32.

The Level-2 predictor, X_{ijkl}, takes 1 to 2 minutes to capture a callout in a chat. The data follows the uniform distribution $Uniform(1, 2)$ (Figure 54). By the Probability Integral Transformation, $P(X \leq x) = x, 0 < x < 1$ (Theorem 2.1.10 of [9]), when the transformation $V = X - 1$ is applied to $X_{ijkl} \sim Uniform(0, 1)$. This transformation is needed to generate the cumulative distribution function (CDF) of the underlying normal distribution.

This transformed Level-2 predictor distribution $V_{ijkl} \sim N(0.0016, 0.9943)$ (Figure 54).

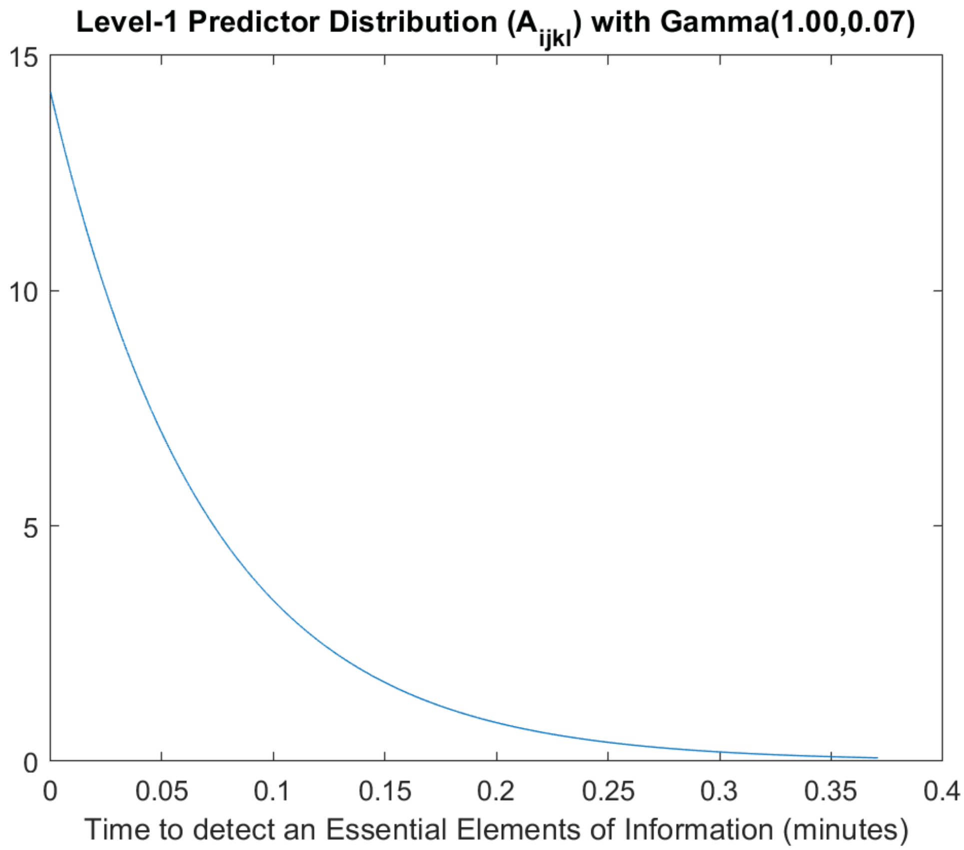

Figure 53. Level-1 predictor distribution (A$_{ijkl}$)

The Level-3 predictor, W_{ijkl}, is the time to create a product with customer request in minutes. The data follows a gamma distribution such that the median is 3 minutes (Equation 37) and almost all the EEIs (0.999) are detected within 10 minutes (Equation 38). These properties are given by:

$$\int_0^3 \frac{1}{\Gamma(\alpha)\beta^\alpha} x^{\alpha-1} e^{-x/\beta} dx = 0.50, \tag{37}$$

$$\int_0^{10} \frac{1}{\Gamma(\alpha)\beta^\alpha} x^{\alpha-1} e^{-x/\beta} dx = 0.999. \tag{38}$$

Solving for α and β, the approximated gamma distribution is $Gamma(3.0, 1.11)$, (Figure 55), such that:

$$\int_0^5 \frac{1}{\Gamma(3)1.11^3} x^{3-1} e^{-x/1.11} dx = \int_0^5 \frac{1}{(2)1.11^3} x^2 e^{-x/1.11} dx = 0.507,$$

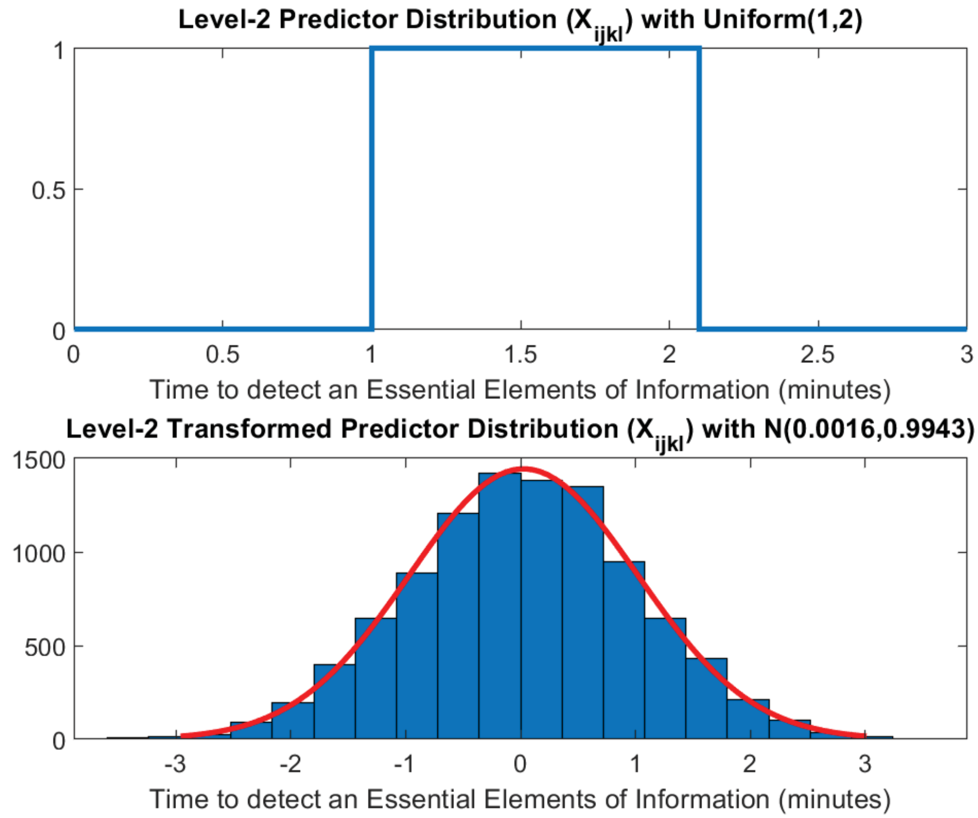

Figure 54. Level-2 predictor distribution ($\mathbf{X}_{ijkl}$)

$$\int_0^{20} \frac{1}{\Gamma(3)1.11^3} x^{3-1} e^{-x/1.11} dx = \int_0^{20} \frac{1}{(2)1.11^3} x^2 e^{-x/1.11} dx = 0.994.$$

To approximate a normal distribution, 10,000 $Gamma(3.0, 1.11)$ iterations were run and the Box-Cox transformation with $\lambda = 1.444$ was found (Figure 55) such that:

$$Box - Cox_{Gamma(3.0,1.11)} = \frac{y_{Gamma(3.0,1.11)}{}^{1.444} - 1}{0.61599}. \tag{39}$$

Therefore, the transformed Level-3 predictor distribution is $W_{ijkl} \sim N(-1.49, 0.0045)$, as given in Table 32.

The Level-4 predictor, Z_{ijkl}, is the time to submit and perform quality control of a product in minutes. The data follows a normal distribution $Z_{ijkl} \sim N(10, \sigma^2)$, (Figure 56),

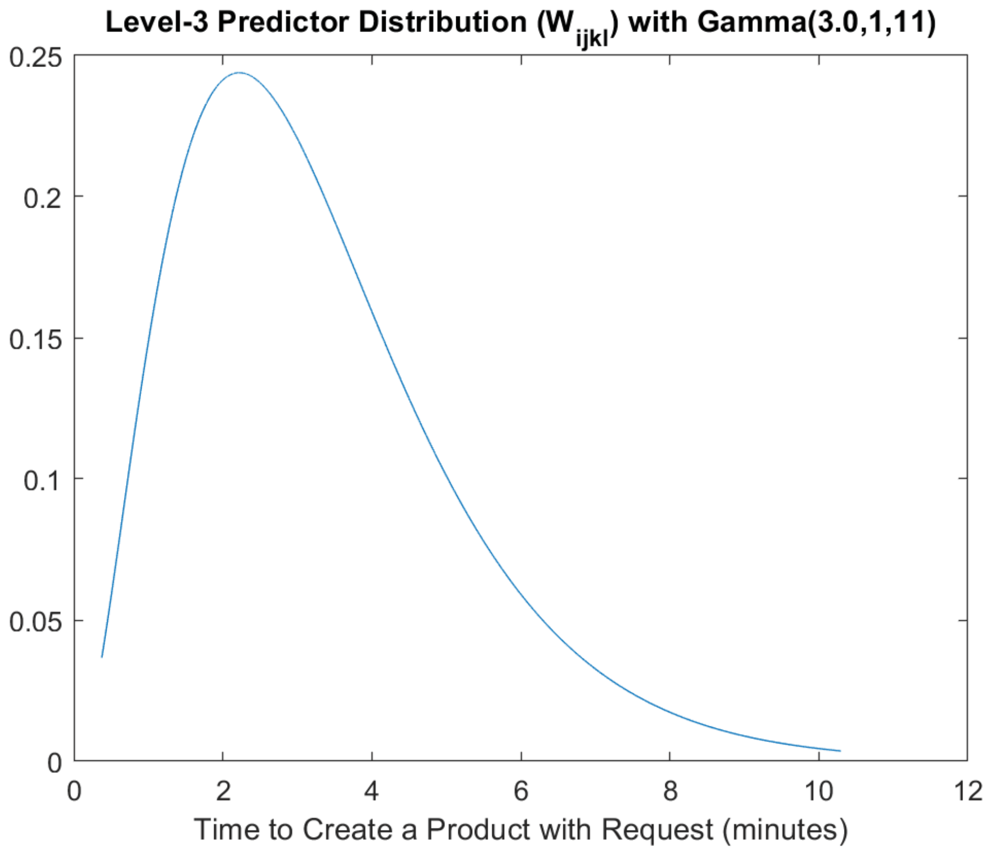

Figure 55. Level-3 predictor distribution ($\mathbf{W}_{ijkl}$)

such that the data within three standard deviations, 3σ, of the mean account for about 99.7% of all the time to perform quality control of the product. That is:

$$P(-3 \leq z \leq 3) = P(-3 \leq \frac{z-10}{\sigma} \leq 3) = 0.997$$

$$\implies P(-3\sigma \leq z - 10 \leq 3\sigma) = 0.997$$

$$\implies P(-3\sigma + 10 \leq z \leq 3\sigma + 10) = 0.997.$$

Since $Z_{ijkl} \sim N(10, \sigma^2)$, this implies

$$P(-3\sigma + 10 \leq z \leq 3\sigma + 10) = \int_{-3\sigma}^{3\sigma+10} \frac{1}{\sqrt{2\pi}} e^{-\frac{(z-10)^2}{2}} dx = 0.997 \tag{40}$$

and σ is approximately 4.25. Therefore, the Level-4 predictor distribution is

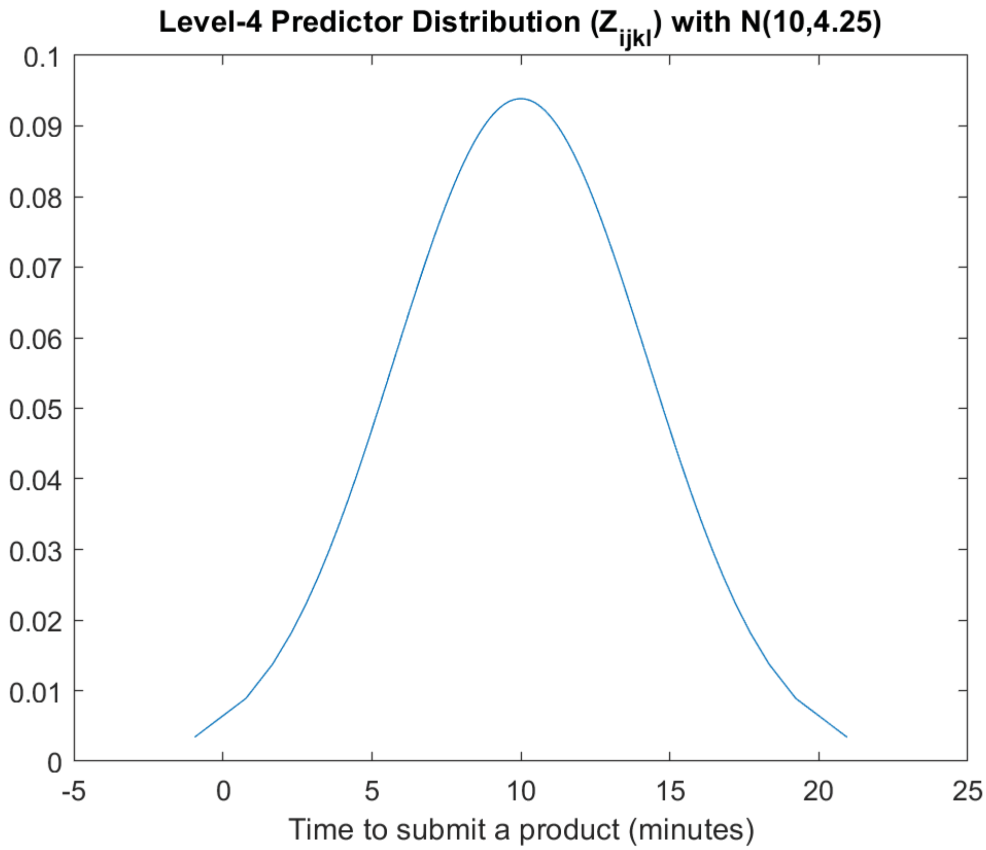

Figure 56. Level-4 predictor distribution ($\mathbf{Z}_{ijkl}$)

$Z_{ijkl} \sim N(10, 18.06)$, as given in Table 32.

The response, Y_{ijkl}, is the total time to complete and submit a product to a customer. The data follows a gamma distribution such that the median is 8 minutes (Equation 41) and total time is within 30 minutes (Equation 42). The following distributions, respectively, are:

$$\int_0^8 \frac{1}{\Gamma(\alpha)\beta^\alpha} x^{\alpha-1} e^{-x/\beta} dx = 0.50, \tag{41}$$

$$\int_0^{30} \frac{1}{\Gamma(\alpha)\beta^\alpha} x^{\alpha-1} e^{-x/\beta} dx = 0.999. \tag{42}$$

The approximated gamma distribution is $Gamma(3.0, 3.0)$, (Figure 57), such that:

$$\int_0^8 \frac{1}{\Gamma(3)3^3} x^{3-1} e^{-x/3} dx = \int_0^8 \frac{1}{54} x^2 e^{-x/3} dx = 0.498,$$

$$\int_0^{30} \frac{1}{\Gamma(3)3^3} x^{3-1} e^{-x/3} dx = int_0^{30} \frac{1}{54} x^2 e^{-x/3} dx = 0.997.$$

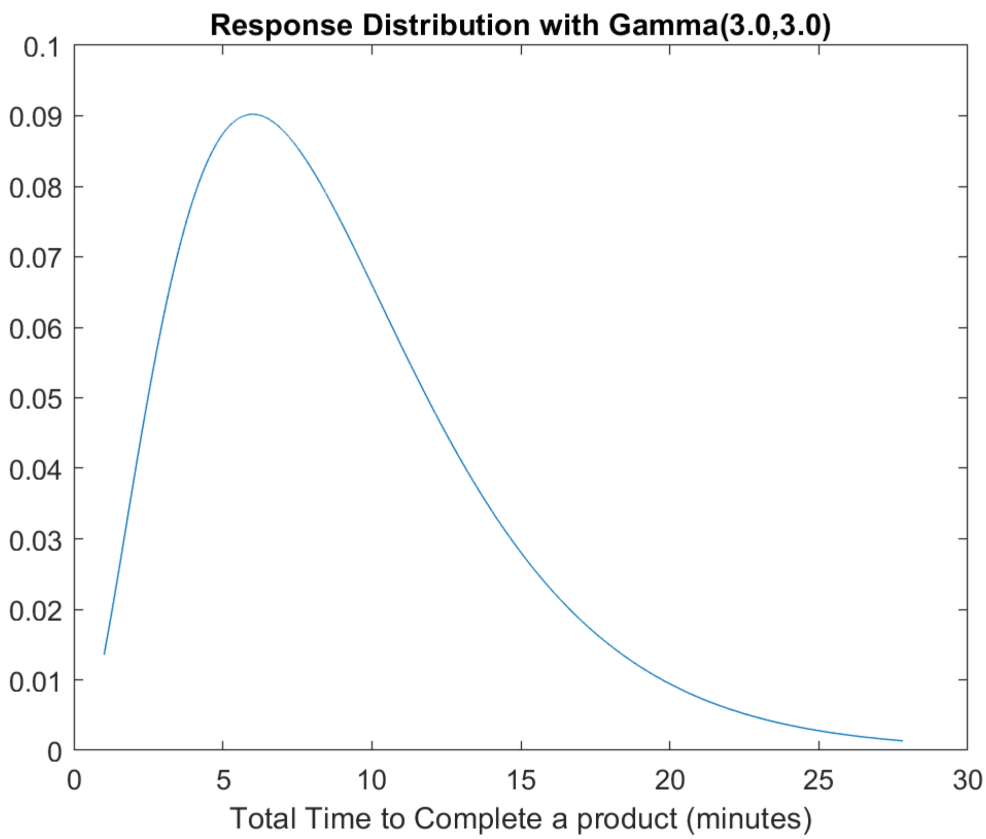

Figure 57. Response distribution ($\mathbf{Y}_{ijkl}$)

To approximate a normal distribution, 10,000 $Gamma(3.0, 3.0)$ iterations were run and the Box-Cox transformation with $\lambda = 1.022$ (Figure 57) was found such that:

$$Box - Cox_{Gamma(3.0,3.0)} = \frac{{y_{Gamma(3.0,3.0)}}^{1.022} - 1}{0.95856}. \tag{43}$$

Therefore, the transformed response distribution is $Y_{ijkl} \sim N(0.025, 0.0064)$, as given in Table 32.

The distributions (Equation 36, 39, 40), derived parameter standard errors (Equations

27, 30), and power equation (Equation 19) are used to determine the required sample sizes needed per level for a Level-3 and Level-4 DCGS HLM to achieve minimum power of at least 0.80 for both the expert and novice DCGS analysts. The minimum sample sizes per level are compared to the known population sample sizes and whether sample size extrapolation is necessary such as in Research Objective 2.

Level-3 Notional DCGS FMV HLM Example.

The Level-3 HLM DCGS FMV HLM is

$$\begin{aligned} Y_{ijk} &= \gamma_{000} + \gamma_{010}X_{ijk} + \gamma_{001}W_{ijk} + \gamma_{011}X_{ijk}W_{ijk} + \gamma_{100}A_{ijk} \\ &+ \gamma_{101}A_{ijk}W_{ijk} + \gamma_{110}A_{ijk}X_{ijk} + \gamma_{111}A_{ijk}X_{ijk}W_{ijk} + u_{11k}A_{ijk}X_{ijk} \\ &+ u_{00k} + u_{01k}X_{ijk} + u_{10k}A_{ijk} + r_{1jk}A_{ijk} + r_{0jk} + e_{ijk}. \end{aligned} \tag{44}$$

The power equation, $z_\pi \approx 1 - \Phi\left(\frac{\hat{\gamma}-\gamma}{s.e.(\hat{\gamma})} + z_{1-\alpha/2}\right)$, first introduced in Equation 19, of a Level-3 notional DCGS HLM example is derived from the estimated effect size, significance level, total sample size ($N = ngh$), and the parameter standard errors. Based on the current DCGS community, there at most $N = (5)(8)(5) = 200$ total samples available with which to build an HLM. In order to find the associated power for varying estimated effect sizes (0.1, 0.3, and 0.7), recall:

$$s.e.(\hat{\gamma}) = \begin{bmatrix} \sqrt{\frac{\sigma^2_{Level-3}}{N}} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_A}} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_X}} & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_A\sigma^2_W}} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_X\sigma^2_W}} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-3}}{N\sigma^2_A\sigma^2_W A}} \end{bmatrix},$$

which was first derived in Equation 27, and restated here. Power is derived based on the following conditions:

- Sample size $N = 200$;
- Assumed estimated effect sizes $\hat{\gamma} - \gamma = 0.1, 0.3, 0.7$;
- Derived predictor distributions by level (Equations 36, 39);
- Variance of $\mathbf{Y}$ equal to $\sigma^2_{Level-3} = \gamma^2_{010}\sigma^2_X + \gamma^2_{001}\sigma^2_W + \gamma^2_{011}\sigma^2_X\sigma^2_W + \gamma^2_{100}\sigma^2_A + \gamma^2_{101}\sigma^2_A\sigma^2_W + \gamma^2_{110}\sigma^2_A\sigma^2_X + \gamma^2_{111}\sigma^2_A\sigma^2_X\sigma^2_W + \sigma^2_u\sigma^2_A\sigma^2_X + \sigma^2_u + \sigma^2_u\sigma^2_X + \sigma^2_u\sigma^2_A + \sigma^2_r\sigma^2_A + \sigma^2_r + \sigma^2_e$;
- Level-3 HLM error variance by level for the expert analysts model ($\sigma^2_e = \sigma^2_r = \sigma^2_u = 1.0$) and novice analysts model ($\sigma^2_e = \sigma^2_r = \sigma^2_u = 2.0$).

Table 33. Level-3 AF DCGS FMV power table for estimated effect sizes 0.1, 0.3, 0.7 and sample size N = 200.

Level-3 DCGS FMV Power Table								
			Effect Size					
Parameter	**Association**		**Expert Analysts**			**Novice Analysts**		
γ_{ijk}	**Level Predictor Variable**	**Level Representation in Time (minutes)**	0.1	0.3	0.7	0.1	0.3	0.7
γ_{000}	Grand Intercept		0.04	0.07	0.17	0.03	0.05	0.11
γ_{001}	Level-3 W_{ijkl}	Create a product with request	0.68	**1.00**	**1.00**	0.41	**1.00**	**1.00**
γ_{010}	Level-2 X_{ijkl}	Capture a callout in chat	0.04	0.07	0.17	0.03	0.05	0.11
γ_{011}	Level2, Level-3 $X_{ijkl}W_{ijkl}$	Capture a callout in chat and create a product with request	0.68	**1.00**	**1.00**	0.41	**1.00**	**1.00**
γ_{100}	Level-1 A_{ijkl}	Detect an EEI	0.03	0.03	0.04	0.03	0.03	0.04
γ_{101}	Level-1,Level3 $A_{ijkl}\ W_{ijkl}$	Detect an EEI and create a product with request	0.07	0.31	**0.87**	0.05	0.18	0.64
γ_{110}	Level-1,Level-2 $A_{ijkl}X_{ijkl}$	Detect an EEI and capture a callout in chat	0.03	0.03	0.04	0.03	0.03	0.04
γ_{111}	Level-1,Level-2,Level-3 $A_{ijkl}X_{ijkl}W_{ijkl}$	Detect an EEI, capture a callout in chat, and create a product with request	0.07	0.32	**0.87**	0.05	0.18	0.64

Based on the notional DCGS Level-3 HLM analysts size, the parameters that achieved minimum power of at least 0.80 were associated with the Level-3 predictor (W_{ijkl}) time in minutes to create a customer requested (the associated parameters are: γ_{001}, γ_{011}, γ_{101}, and γ_{111}). The parameter, γ_{001}, to create a product with request (W_{ijkl}), and the parameter, γ_{011}, to capture a callout in chat and create a product with request ($X_{ijkl}W_{ijkl}$) achieved power of 1.00 for medium and large estimated effect sizes (0.3 and 0.7) for both the expert and novice analysts models. Whereas, the parameter, γ_{101}, to detect an EEI and create a product with request ($A_{ijkl}W_{ijkl}$), and the parameter, γ_{111}, to detect an EEI, capture a callout in chat, and create a product with request ($A_{ijkl}X_{ijkl}W_{ijkl}$) achieved power of 0.87 for large estimated effect size (0.7) for only the expert analysts model (Table 33 and Figure 58). Similar to the power results of Research Objective 2, small estimated effect sizes, such as 0.1, did not achieve minimum sufficient power of 0.80.

All other parameters not associated with the third level ($\gamma_{000}, \gamma_{010}, \gamma_{100}, \gamma_{110}, \gamma_{111}$) require more sample sizes than the population to achieve sufficient power of 0.80. This implies for the notional DCGS Level-3 HLM, re-sampling such as in Research Objective 2, is needed to achieve a minimum power of 0.80 for the specific parameters: the grand intercept, effects detecting an EEI, callouts in chat, and their interactions. Based on the findings of Research Objective 2, the current DCGS FMV community has enough sample sizes for extrapolation for the PED cells (Level-2) and units (Level-3) because the small sample size 10 individuals, 5 PED cells, and 3 units was extrapolated to 100 samples per level and the novice model achieved sufficient power for medium and large (0.3 and 0.7) estimated effect sizes. If 5 more analysts per PED could be obtained, then sufficient power of 0.80 can be achieved for the novice model. The samples per level for PED cells (Level-2) and units (Level-3) is larger than the small sample set by 3 and 2 sample sizes per level, respectively. If PED cells or units could be combined or grouped such that the analysts at Level-1 increased, then it is possible to achieve sufficient power for the novice model through re-sampling for all three levels of the Level-3 notional DCGS FMV HLM example.

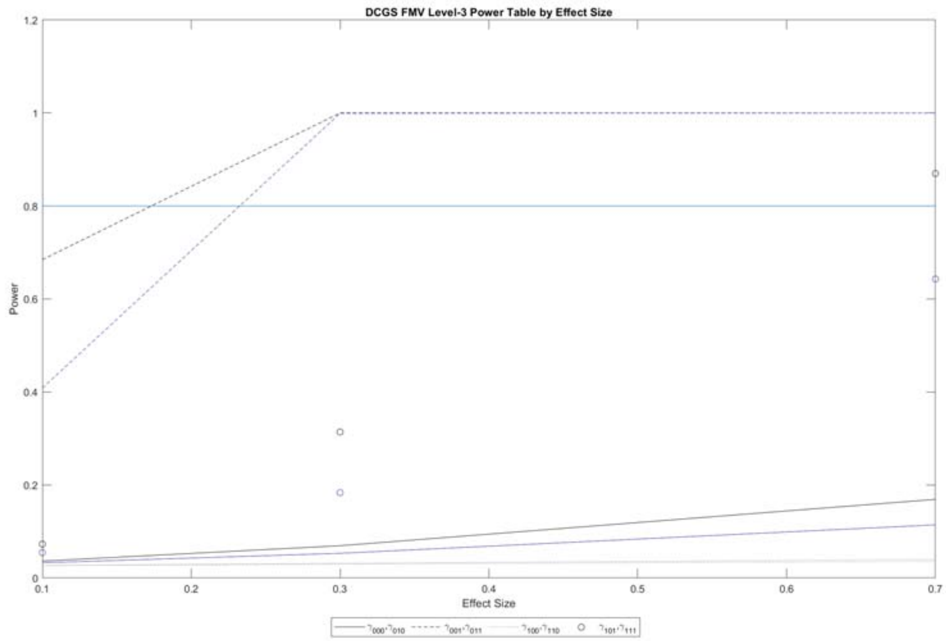

Figure 58. Level-3 AF DCGS FMV power plot for estimated effect sizes 0.1, 0.3, 0.7 and sample size N=200 for the expert (black) and novice (blue) analysts models.

Level-4 Notional DCGS FMV HLM Example.

Similar to Level-3 DCGS HLM, the power equation, $z_\pi \approx 1 - \Phi\left(\frac{\hat{\delta}-\delta}{s.e.(\hat{\delta})} + z_{1-\alpha/2}\right)$, first introduced in Equation 19, of a Level-4 notional DCGS HLM example is derived from the estimated effect size, significance level, total sample size ($N = nghf$), and the parameter standard errors. Based on the population, there is at most $N = (5)(8)(5)(5) = 1,000$ total samples with which to build an HLM. In order to find the associated power for varying estimated effect sizes (0.1, 0.3, and 0.7), recall:

$$s.e.(\hat{\delta}) = \begin{bmatrix} \sqrt{\frac{\sigma^2_{Level-4}}{N}} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_A}} & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_X}} & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \ddots & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_A\sigma^2_W\sigma^2_Z}} & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_X\sigma^2_W\sigma^2_Z}} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & \sqrt{\frac{\sigma^2_{Level-4}}{N\sigma^2_A\sigma^2_X\sigma^2_W\sigma^2_Z}}. \end{bmatrix},$$

which was first derived in Equation 30, and restated here. Power is derived based on the following conditions:

- Sample size $N = 1,000$;
- Assumed estimated effect sizes $\hat{\delta} - \delta = 0.1,\ 0.3,\ 0.7$;
- Derived predictor distributions by level (Equations 36, 39, 40);
- Variance of $\mathbf{Y}$ equal to

  $\sigma^2_{Level-4} = \delta^2_{1000}\sigma^2_A + \delta^2_{0100}\sigma^2_X + \delta^2_{0010}\sigma^2_W + \delta^2_{0001}\sigma^2_Z + \delta^2_{1100}\sigma^2_A\sigma^2_X + \delta^2_{1010}\sigma^2_A\sigma^2_W + \delta^2_{1001}\sigma^2_A\sigma^2_Z + \delta^2_{0110}\sigma^2_X\sigma^2_W + \delta^2_{0101}\sigma^2_X\sigma^2_Z + \delta^2_{0011}\sigma^2_W\sigma^2_Z + \delta^2_{1110}\sigma^2_A\sigma^2_X\sigma^2_W + \delta^2_{1101}\sigma^2_A\sigma^2_X\sigma^2_Z + \delta^2_{1011}\sigma^2_A\sigma^2_W\sigma^2_Z + \delta^2_{0111}\sigma^2_X\sigma^2_W\sigma^2_Z + \delta^2_{1111}\sigma^2_A\sigma^2_X\sigma^2_W\sigma^2_Z + \sigma^2_r + \sigma^2_u + \sigma^2_v + \sigma^2_r\sigma^2_A + \sigma^2_u\sigma^2_A + \sigma^2_u\sigma^2_X + \sigma^2_u\sigma^2_A\sigma^2_X + \sigma^2_v\sigma^2_A + \sigma^2_v\sigma^2_X + \sigma^2_v\sigma^2_W + \sigma^2_v\sigma^2_A\sigma^2_X + \sigma^2_v\sigma^2_A\sigma^2_W + \sigma^2_v\sigma^2_X\sigma^2_W + \sigma^2_v\sigma^2_A\sigma^2_X\sigma^2_W + \sigma^2_e$;
- Level-4 HLM error variance by level for the expert analysts model ($\sigma^2_e = \sigma^2_r = \sigma^2_u = \sigma^2_v = 1.0$) and the novice analysts model ($\sigma^2_e = \sigma^2_r = \sigma^2_u = \sigma^2_v = 2.0$).

Table 34. Level-4 AF DCGS FMV power table for estimated effect sizes 0.1, 0.3, 0.7 and sample size N = 1,000.

Level-4 DCGS FMV Power Table								
			Effect Size					
Parameter	**Association**		**Expert Analysts**			**Novice Analysts**		
δ_{ijkl}	**Level Predictor Variable**	**Level Representation in Time (minutes)**	0.1	0.3	0.7	0.1	0.3	0.7
δ_{0000}	Grand Intercept		0.05	0.10	0.15	0.04	0.08	0.13
δ_{1000}	Level-1 A_{ijkl}	Detect an EEI	0.03	0.03	0.04	0.03	0.03	0.03
δ_{0100}	Level-2 X_{ijkl}	Capture a callout in a chat	0.05	0.10	0.15	0.04	0.08	0.13
δ_{0010}	Level-3 W_{ijkl}	Create a product with request	**0.98**	**1.00**	**1.00**	**0.84**	**1.00**	**1.00**
δ_{0001}	Level-4 Z_{ijkl}	Perform quality control of a product	0.03	0.04	0.04	0.03	0.03	0.04
δ_{1100}	Level-1, Level-2 $A_{ijkl}X_{ijkl}$	Detect an EEI and capture callout in a chat	0.03	0.03	0.04	0.03	0.03	0.04
δ_{1010}	Level-1, Level-3 $A_{ijkl}W_{ijkl}$	Detect an EEI and create a product with request	0.13	0.53	**0.81**	0.09	0.36	0.73
δ_{1001}	Level-1, Level-4 $A_{ijkl}Z_{ijkl}$	Detect an EEI and perform quality control of a product	0.03	0.03	0.03	0.03	0.03	0.03
δ_{0110}	Level-2, Level-3 $X_{ijkl}W_{ijkl}$	Capture a callout in a chat and create a product with request	**0.98**	**1.00**	**1.00**	**0.84**	**1.00**	**1.00**
δ_{0101}	Level-2, Level-4 $X_{ijkl}Z_{ijkl}$	Capture a callout in chat and perform quality control of a product	0.03	0.04	0.04	0.03	0.03	0.04
δ_{0011}	Level-3, Level-4 $W_{ijkl}Z_{ijkl}$	Create a product with request and perform quality control of a product	0.16	0.64	**0.90**	0.10	0.45	**0.83**
δ_{1110}	Level-1, Level-2, Level-3 $A_{ijkl}X_{ijkl}W_{ijkl}$	Detect an EEI, capture a callout in a chat, and create a product with request	0.13	0.53	**0.81**	0.09	0.36	0.73
δ_{1101}	Level-1, Level-2, Level-4 $A_{ijkl}X_{ijkl}Z_{ijkl}$	Detect an EEI, capture a callout in a chat, and perform quality control of a product	0.03	0.03	0.03	0.03	0.03	0.03
δ_{1011}	Level-1, Level-3, Level-4 $A_{ijkl}W_{ijkl}Z_{ijkl}$	Detect an EEI, create a product with request, and perform quality control of a product	0.04	0.07	0.10	0.03	0.06	0.09
δ_{0111}	Level-2, Level3, Level4 $X_{ijkl}W_{ijkl}Z_{ijkl}$	Capture a callout in a chat, create a product with request, and perform quality control of a product	0.16	0.64	**0.90**	0.10	0.45	**0.84**
δ_{1111}	Level-1, Level-2, Level3, Level4 $A_{ijkl}X_{ijkl}W_{ijkl}Z_{ijkl}$	Detect an EEI, capture a callout in a chat, create a product with request, and perform quality control of a product	0.04	0.07	0.10	0.03	0.06	0.09

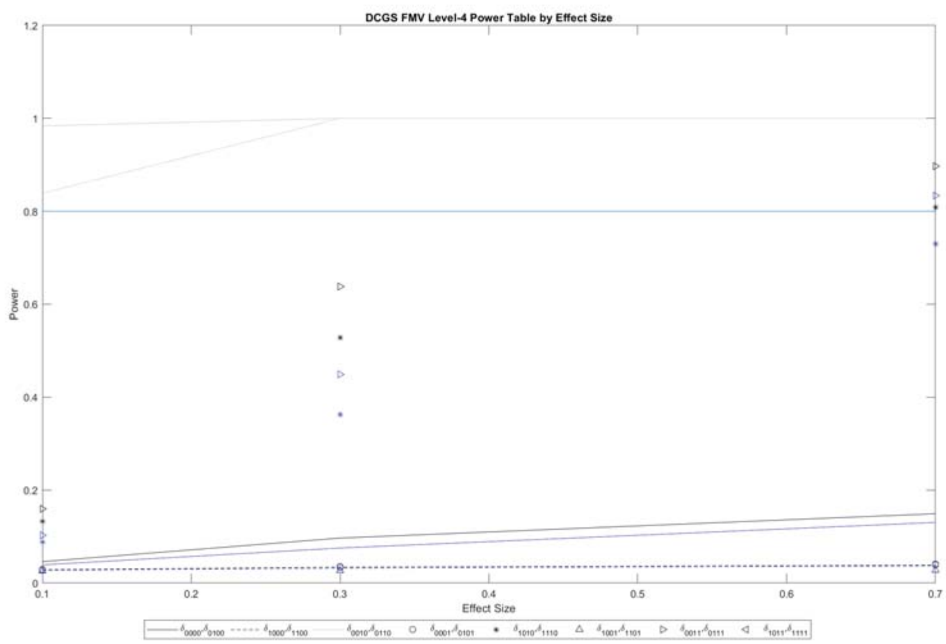

Figure 59. Level-4 AF DCGS FMV power plot for estimated effect sizes 0.1, 0.3, 0.7 and sample size N=1,000 for the expert (black) and novice (blue) analysts models.

Similar to Level-3, based on the current DCGS Level-4 HLM community size, the parameters that achieved minimum sufficient power of at least 0.80 were associated with Level-3 predictor, W_{ijkl}, time in minutes to create a customer requested product (the associated parameters are: δ_{0010}, δ_{1010}, δ_{0110}, δ_{0110}, δ_{0011}, δ_{1110}, and δ_{0111}). The parameter, δ_{0010}, to create a product with request (W_{ijkl}), and the parameter, δ_{0110}, to capture a callout in a chat and create a product with request ($X_{ijkl}W_{ijkl}$) achieved sufficient power greater than 0.80 for low, medium, and high estimated effect sizes (0.1, 0.3, 0.7) for both the expert and novice analysts models (Table 34 and Figure 59). The parameter, δ_{1010}, to detect an EEI and create a product with request ($A_{ijkl}W_{ijkl}$), and the parameter, δ_{1110}, to detect an EEI, capture a callout in a chat, and create a product with request ($A_{ijkl}X_{ijkl}W_{ijkl}$) achieved power of 0.81 for large estimated effect size (0.7) for only the expert analysts model and the parameter, δ_{0011}, to create a product with request and perform quality control of a product ($W_{ijkl}Z_{ijkl}$), and the parameter, δ_{0111}, to capture a callout in chat, create a product with requests, and perform quality control of a product ($X_{ijkl}W_{ijkl}Z_{ijkl}$) achieved power greater than 0.80 for large estimated effect size for both the expert and novice analysts models.

All other parameters, not associated with the third level (δ_{0000}, δ_{0100}, δ_{0001}, δ_{1100}, δ_{1001}, δ_{0101}, δ_{1101}, δ_{1011}, δ_{1111}), except δ_{1111}, required more sample sizes than the current sample size to achieve sufficient power of 0.80. This implies for the notional DCGS Level-4 HLM re-sampling is needed to achieve a minimum power of 0.80 for the specific parameters: the grand mean, capture a callout in chat, perform quality control of a product, and their interactions.

Summary.

The current DCGS FMV community consists of 1,000 analysts. Based on the current number of analysts and transformed distributions, in general, for medium and large estimated effect sizes, parameters associated with the Level-3 predictor, W_{ijkl} had power of at least 0.80. If these specific parameters, for both notional DCGS FMV Level-3 and

Level-4 HLMs, were of interest, then there is sufficient sample available based the current number analysts.

For the Level-3 and Level-4 HLM parameters that did not achieve a minimum power of at least 0.80, re-sampling to larger sample sizes at each level could be applied to achieve minimum sufficient power, because the sample sizes required are larger than the current DCGS FMV community. This application showed through simulation, that based on SME information, multi-level sample size recommendations could be provided to an operational customer for parameters associated with level predictors of interest.

VI. Discussion

The complex interrelated variability of the Level-4 HLM exists in many operational setting including the small population of the Air Force Distributed Common Ground System Full Motion Video (AF DCGS FMV) community. This nested data structure of 1,000 analysts can be represented by a Level-4 Hierarchical Linear Model (HLM). The data requirements and collection process of multi-level models, such as the DCGS FMV human-machine system, can be understood through the development of sample size requirements and small sample size re-sampling to larger sample sizes per each level when parameter estimation does not meet sufficient minimum power for statistical testing.

The parameter estimates of the Level-2, Level-3, and Level-4 HLMs are based on the associated parameter standard errors derived in this research and an assumption of independence between levels. The sample size criteria for sufficient statistical power are based on a variety of realistic operational scenarios for Level-2, Level-3 and Level-4 HLMs. The scenarios are defined such that the Level-1 predictor variability is greater than or equal to the variability of the groups, units, and organizations. The initial error values were chosen similar to existing Level-2 literature such that when the intraclass correlation coefficients were calculated, the values were generally moderate and largest at the lowest level. Small, medium, and large estimated effect sizes were considered for comparison to previous literature and for sample size recommendations.

Sample size recommendations for Level-2 HLMs parameter estimation previously existed, but recommendations have not been provided or extended to Level-3 and Level-4 HLMs. One of the most common Level-2 sample size recommendations is the general rule of thumb, 30 sample sizes per Level-1 and Level-2 to achieve minimum sufficient statistical power. This research found that for a Level-2 HLM, minimum sufficient power was not met when using only 30 samples sizes per level for small estimated effect size (0.1), but for larger estimated effect sizes (0.3 and 0.7), 30 sample sizes per level was more than sufficient and almost doubled what was needed to achieve sufficient power. This work

applied the general rule of thumb to the Level-3 and Level-4 HLMs variance scenarios considered, and found that 30 sample sizes per level was also more than sufficient.

In addition to sample size recommendations when compared to the general rule of thumb, this research compared variance values for varying level predictor and level error terms for Level-2, Level-3, and Level-4 HLMs. For all HLMs considered, this research found that as the estimated effect size increased, the number of sample sizes required to achieve minimum power per level decreased. That is, the stronger the strength (estimated effect size) between the parameter and system performance (response), the fewer sample sizes needed to achieve adequate power.

When the assumed error variance doubled for each level, the required sample sizes to achieve minimum statistical power increased. In other words, if HLMs of novice analyst models versus the expert analyst models were assessed, and the novice analyst models had double the variability of the expert analyst models, then the number of sample sizes required to achieve minimum statistical power in modeling would be more for the novice analyst models for all predictor and error variance scenarios considered.

Also, if the predictor variance at Level-1 is less than the higher levels (Level-2, Level-3, and Level-4), then the sample sizes per level required depends on the initial error variability and parameter of interest. This implies that the variability of the individual level (analyst) tasking was influential and affected the overall performance of the system with regards to sample sizes needed. Whereas, if the predictor variance at the higher levels decreased, the conclusions were more consistent and the sample sizes required per level generally increased for all predictors, but the pure intercepts. These samples size requirements assumed Independence between levels.Sample size criteria may differ when dependence is included.

Using the power results and sample size requirements derived for Research Objective 1, operationally realistic small sample size combinations were considered for re-sampling in order to meet sample size requirements. The small sample combinations considered reflect achievable sample sizes for each level based on small population sizes, cost, and limited

access to operational environments. For the specific predictor and error variance scenarios assumed, when the parameters of Level-2 and Level-3 HLMs did not achieve minimum sufficient statistical power for the small sample sizes considered, the small sample sizes were re-sampled to larger samples per each level of the HLM. For both Level-2 and Level-3 HLMs, in general, when small sample sizes were re-sampled to larger sample sizes, minimum sufficient statistical power was achieved for medium and high estimated effect sizes (0.3 and 0.7). Though as the re-sampled sample size increased per each level, not only did the average absolute relative bias of the parameter estimates increase, but the computation time exponentially increased as well. The re-sampling procedure introduced in this research is not limited to Level-3 HLMs and can be applied to higher levels.

To understand human and machine workloads of a system, this research can be applied to real-world multi-level applications if the predictor and error distributions are known estimates or have been observed by SMEs. For example, in Research Objective 3, the notional example of the AF DCGS FMV community distributions were computed based on SME observations and analyst products for both the novice and expert analyst models. For this specific example, to assess human-machine system performance and achieve minimum statistical power, the necessary sample sizes required per level for almost all parameters exceeded the population. For instance, power could not be achieved for the Level-3 HLM DCGS FMV analysis because for equal sample sizes per level, a minimum of 6 samples per level were required, for a total of $6 \times 6 \times 6 = 216$ observations. However, the population consists of 5 analysts per PED cell, 8 PED cells per unit, and 5 units, which means the number of analysts and units required for assessment is greater than the population allows and therefore could not be obtained. The analysis and sample size requirements should focused on the model parameters of interest. For instance, if the group and unit variables are of importance only, then power should be assessed for these levels. If these specific parameters of interest do not have enough statistical sufficient power, then the re-sampling procedure developed within this research could be applied. Determining the level parameters of interest could decrease the number of sample sizes per

level required and the number of re-samples needed to achieve statistical sufficient power.

If the Level-3 DCGS FMV sub-sample sizes per level were determined and the re-sampling procedure applied, sufficient statistical power could be achieved. Prior to this research, only subjective recommendations could be made to a customer, whereas now, a more in-depth simulation could be proposed that requires only limited resources, analysts' time, and could be done in a non-invasive manner.

As stated, the derived sample size equations can be generalized to any level of an HLM. In addition to obtaining the recommended sample sizes through experimentation and applying the re-sampling procedure to the DCGS FMV Level-3 HLM, future work would be to develop more robust software that could handle larger multi-level models and the re-sampling procedure (i.e., the DCGS FMV Level-4 HLM). In addition, this research considered HLMs with one predictor at each level and no predictor interactions at each level (only between levels). Though this research assumed that in each level, predictor effects are additive and therefore may be represented through one predictor variable at each level, this research could be extended to include additional predictor interactions within levels.

Finally, assessment of human-machine system performance is of most importance to the Air Force and the need for autonomous systems is growing. Due to rising operational costs, changing missions, small populations, complex environments, and absence of necessary data, the need for HLM assessments through simulations are crucial. Prior sample size recommendations and small sample size re-sampling are a step towards advancing the Air Force's capabilities and mission understanding for human-machine based systems.

VII. Appendix

Appendix A. Estimation of Maximum Likelihood (ML) Model.

The simple linear model can be rewritten as $\mathbf{Y_{Nx1}} = \mathbf{M_{Nxp}}\mu_{\mathbf{px1}} + \varepsilon_{\mathbf{Nx1}}$. Where N is the total sample size, p denotes the number of coefficients in the model, and $\varepsilon \sim N(0, \Sigma)$ such that $\Sigma = \sigma^2_{level} I$.

Likelihood.

The likelihood function, denoted L, of μ and Σ is

$$L = L(\mu, \mathbf{\Sigma}|\mathbf{y}) = \frac{exp\left[-\frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu)\right]}{(2\pi\mathbf{\Sigma})^{\frac{1}{2}N}}$$

By maximizing L, the maximum likelihood estimates of μ and Σ ($\hat{\mu}$ and $\hat{\Sigma}$, respectively) can be obtained. Note, that these estimates are more easily found using the log-likelihood where:

$$l = logL = -\frac{1}{2}Nlog(2\pi) - \frac{1}{2}Nlog|\mathbf{\Sigma}| - \frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu).$$

Since $tr[\mathbf{ABC}] = tr[\mathbf{CAB}] = tr[\mathbf{BCA}]$, this implies

$$\begin{aligned}
l &= -\frac{1}{2}Nlog(2\pi) - \frac{1}{2}Nlog|\mathbf{\Sigma}| - \frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu) \\
&= -\frac{1}{2}Nlog(2\pi) + \frac{1}{2}Nlog|\mathbf{\Sigma}^{-1}| - \frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu) \\
&\propto -\frac{1}{2}Nlog(2\pi) + \frac{1}{2}Nlog|\mathbf{\Sigma}^{-1}| - \frac{1}{2}tr[(\mathbf{y} - \mathbf{M}\mu)'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu)] \\
&= -\frac{1}{2}Nlog(2\pi) + \frac{1}{2}Nlog|\mathbf{\Sigma}^{-1}| - \frac{1}{2}tr[\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu)(\mathbf{y} - \mathbf{M}\mu)']
\end{aligned}$$

ML Equations and Their Solutions.

To verify that the function l has a local maximum at $(\hat{\mu}, \hat{\Sigma})$, the following three conditions must be satisfied:

1. Possible candidates for the ML estimates are found by setting the first-order partial derivatives to 0 and replacing μ and Σ by the estimators $\hat{\mu}$ and $\hat{\Sigma}$, respectively. Since $\frac{\partial}{\partial \mathbf{A}}\mathbf{X}'\mathbf{A}\mathbf{X} = \frac{\partial}{\partial \mathbf{A}}tr[\mathbf{X}\mathbf{X}'\mathbf{A}] = [\mathbf{X}\mathbf{X}']' = \mathbf{X}\mathbf{X}'$, this implies

$$\begin{aligned}\frac{\partial l}{\partial \mu} &= 0 - 0 - \frac{1}{2}\left(\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu)(-\mathbf{M}') + ((\mathbf{\Sigma}^{-1})'(\mathbf{y} - \mathbf{M}\mu)(-\mathbf{M}')\right) \\ &= -\frac{1}{2}\left(-2\mathbf{M}'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu)\right) \\ &= \mathbf{M}'\mathbf{\Sigma}^{-1}(\mathbf{y} - \mathbf{M}\mu).\end{aligned}$$

Setting equal to zero, this implies

$$\begin{aligned}0 &= \mathbf{M}'\hat{\mathbf{\Sigma}}^{-1}(\mathbf{y} - \hat{\mu}) \\ \Rightarrow 0 &= \mathbf{M}'\hat{\mathbf{\Sigma}}^{-1}\mathbf{y} - \mathbf{M}'\hat{\mathbf{\Sigma}}^{-1}\hat{\mu}.\end{aligned}$$

Therefore,

$$\hat{\mu} = (\mathbf{X}'\hat{\mathbf{\Sigma}}^{-1}\mathbf{M})^{-1}\mathbf{M}'\hat{\mathbf{\Sigma}}^{-1}\mathbf{y}.$$

Similarly,

$$\frac{\partial l}{\partial \mathbf{\Sigma}^{-1}} = 0 + \frac{N}{2}\mathbf{\Sigma} - \frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)(\mathbf{y} - \mathbf{M}\mu)'.$$

Setting equal to zero, this implies

$$\begin{aligned}0 &= 0 + \frac{N}{2}\hat{\mathbf{\Sigma}} - \frac{1}{2}(\mathbf{y} - \mathbf{M}\hat{\mu})(\mathbf{y} - \mathbf{M}\hat{\mu})' \\ \Rightarrow \frac{N}{2}\hat{\mathbf{\Sigma}} &= \frac{1}{2}(\mathbf{y} - \mathbf{M}\hat{\mu})(\mathbf{y} - \mathbf{M}\hat{\mu})'.\end{aligned}$$

Therefore,

$$\hat{\mathbf{\Sigma}} = \frac{1}{N}(\mathbf{y} - \mathbf{M}\hat{\mu})(\mathbf{y} - \mathbf{M}\hat{\mu})'.$$

2. At least one second-order partial derivative is negative. The second-order partial derivative elements are:

$$\frac{\partial^2 l}{\partial \mu^2} = \frac{\partial}{\partial \mu}(\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{y} - \mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M}\mu) = -\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M} < 0,$$

since $\mathbf{M}'\sigma^{\mathbf{2}}_{\mathbf{level}}\mathbf{M} > 0$ $\mathbf{\Sigma} > 0$ and

$$\frac{\partial^2 l}{\partial \Sigma^2} = \frac{N}{2}\hat{\mathbf{\Sigma}} - \frac{1}{2}(\mathbf{y} - \mathbf{M}\hat{\mu})(\mathbf{y} - \mathbf{M}\hat{\mu})' = \frac{N}{2} - 0 = \frac{N}{2}$$

$$\frac{\partial^2 l}{\partial \Sigma \partial \mu} = \frac{\partial^2 l}{\partial \mu \partial \Sigma} = \frac{\partial l}{\partial \mu}(\frac{N}{2}\mathbf{\Sigma} - \frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)(\mathbf{y} - \mathbf{M}\mu)') = -\frac{1}{2}(\mathbf{y} - \mathbf{M}\mu)(\mathbf{y} - \mathbf{M}\mu)') < 0$$

3. The Jacobian of the second-order partial derivative is positive. The Jacobian is:

$$\begin{vmatrix} \frac{\partial^2}{\partial \mu^2} l(\mu, \Sigma) & \frac{\partial^2}{\partial \mu \partial \Sigma} l(\mu, \Sigma) \\ \frac{\partial^2}{\partial \Sigma \partial \theta} l(\mu, \Sigma) & \frac{\partial^2}{\partial \Sigma^2} l(\mu, \Sigma) \end{vmatrix} = \begin{vmatrix} -\mathbf{X}'\mathbf{\Sigma}^{-1}\mathbf{X} & -\frac{1}{2}(\mathbf{y} - \mathbf{X}\mu)(\mathbf{y} - \mathbf{X}\mu)') \\ -\frac{1}{2}(\mathbf{y} - \mathbf{X}\mu)(\mathbf{y} - \mathbf{X}\mu)') & \frac{N}{2} \end{vmatrix}$$

$$= \frac{-NX\Sigma^{-1}X}{2} - (\frac{1}{2}(\mathbf{y} - \mathbf{X}\mu)(\mathbf{y} - \mathbf{X}\mu)'))^2 > 0$$

Sampling Variances.

The standard error of $\hat{\mu}$ is the square root of the variance of $\hat{\mu}$. That is

$$s.e.(\hat{\mu}) = \sqrt{Var(\hat{\mu})}$$

$$\begin{aligned} Var[\hat{\mu}] &= Var[(\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{y}] \\ &= Var[(\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M}'\mathbf{\Sigma}^{-1}(\mathbf{M}\mu + \varepsilon)] \\ &= Var[(\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M}\mu + (\mathbf{M}'\mathbf{\Sigma}^{\mathbf{-1}}\mathbf{M})^{\mathbf{-1}}\mathbf{M}'\mathbf{\Sigma}^{\mathbf{-1}}\varepsilon] \\ &= Var[(\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M}\mu] + Var[(\mathbf{M}'\mathbf{\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M}'\mathbf{\Sigma}^{-1}\varepsilon] \end{aligned}$$

such that $Var(\mu) = 0$. This implies

$= Var[0 + (\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}}\varepsilon]$

$= Var[(\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}}\varepsilon]$

$= ((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})Var[\varepsilon](\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})'$

$= ((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})\mathbf{\Sigma}((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})'$

$= ((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'})(\mathbf{\Sigma^{-1}\Sigma})((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})'$

such that Σ is a diagonal matrix and $\Sigma^{-1}\Sigma = I_{N\times N}$. This implies

$= (\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'}I_{N\times N}((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})'$

$= (\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'}((\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}})'$

$= (\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'}(\mathbf{\Sigma'})^{\mathbf{-1}}\mathbf{M}((\mathbf{M'\Sigma}^{-1}\mathbf{M})')^{-1}$

since $\mathbf{\Sigma}$ is a diagonal matrix and symmetric such that $\Sigma' = \Sigma$. This implies

$= [(\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}\mathbf{M'\Sigma^{-1}M}]((\mathbf{M'\Sigma}^{-1}\mathbf{M})')^{-1}$

$= ((\mathbf{M'\Sigma}^{-1}\mathbf{M})')^{-1}$

since $(\mathbf{XA})' = \mathbf{A'X'}$ and $(\mathbf{A'})' = \mathbf{A}$. This implies

$= (\mathbf{M'}(\mathbf{\Sigma'})^{-1}\mathbf{M})^{-1}$

$= (\mathbf{M'\Sigma}^{-1}\mathbf{M})^{-1}$

$= \mathbf{M}^{-1}\mathbf{\Sigma}(\mathbf{M'})^{-1}$

$= \mathbf{\Sigma M}^{-1}I(\mathbf{M'})^{-1}$

$= \mathbf{\Sigma M}^{-1}(\mathbf{M'})^{-1}$

$= \mathbf{\Sigma M}^{-1}(\mathbf{M'})^{-1}$

$= \mathbf{\Sigma}(\mathbf{M'M})^{-1}$

Therefore,

$$s.e.(\hat{\mu}) = \sqrt{Var(\hat{\mu})} = \sqrt{\mathbf{\Sigma}(\mathbf{M'M})^{-1}}$$

Appendix B. Power Tables.

Appendix B.1 Level-2 Power Tables

Table 60: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
13	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.20	0.25	0.27	0.28	0.36	0.43
15	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
19	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.34	0.36	0.39	0.49	0.58
21	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
23	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.43	0.46	0.57	0.67
25	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
27	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
29	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.77
30	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.53	0.56	0.68	0.78
35	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
40	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
50	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.36	0.39	0.42	0.45	0.47	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
55	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.43	0.46	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
60	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
80	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
100	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**

Table 61: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
13	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.20	0.25	0.27	0.28	0.36	0.43
15	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
19	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.34	0.36	0.39	0.49	0.58
21	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
23	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.43	0.46	0.57	0.67
25	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
27	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
29	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.77
30	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.53	0.56	0.68	0.78
35	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
40	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
50	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.36	0.39	0.42	0.45	0.47	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
55	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.43	0.46	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
60	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
80	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
100	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**

Table 62: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
13	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.20	0.25	0.27	0.28	0.36	0.43
15	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
19	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.34	0.36	0.39	0.49	0.58
21	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
23	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.43	0.46	0.57	0.67
25	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
27	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
29	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.77
30	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.53	0.56	0.68	0.78
35	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
40	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
50	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.36	0.39	0.42	0.45	0.47	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
55	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.43	0.46	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
60	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
80	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
100	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**

Table 63: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
13	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.20	0.25	0.27	0.28	0.36	0.43
15	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
19	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.34	0.36	0.39	0.49	0.58
21	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
23	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.43	0.46	0.57	0.67
25	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
27	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
29	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.77
30	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.53	0.56	0.68	0.78
35	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
40	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
50	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.36	0.39	0.42	0.45	0.47	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
55	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.43	0.46	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
60	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
80	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
100	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**

Table 64: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.21	0.25
15	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 65: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.21	0.25
15	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 66: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.21	0.25
15	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 67: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.21	0.25
15	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 68: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
7	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.31	0.40	0.48
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
15	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
17	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
19	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.42	0.46	0.49	0.61	0.71
21	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
23	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
25	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
27	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
29	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
30	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
35	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.92**
40	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
50	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
55	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
60	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
80	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
100	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**

Table 69: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
7	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.31	0.40	0.48
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
15	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
17	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
19	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.42	0.46	0.49	0.61	0.71
21	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
23	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
25	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
27	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
29	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
30	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
35	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.92**
40	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
50	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
55	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
60	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
80	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
100	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**

Table 70: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
7	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.31	0.40	0.48
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
15	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
17	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
19	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.42	0.46	0.49	0.61	0.71
21	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
23	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
25	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
27	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
29	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
30	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
35	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.92**
40	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
50	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
55	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
60	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
80	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
100	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**

Table 71: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
7	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.31	0.40	0.48
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
15	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
17	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
19	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.42	0.46	0.49	0.61	0.71
21	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
23	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
25	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
27	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
29	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
30	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
35	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.92**
40	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
50	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
55	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
60	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
80	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
100	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**

Table 72: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.44	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.81**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.86**	**0.88**	**0.95**	**0.98**

Table 73: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.44	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.81**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.86**	**0.88**	**0.95**	**0.98**

Table 74: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.44	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.81**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.86**	**0.88**	**0.95**	**0.98**

Table 75: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.44	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.81**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.86**	**0.88**	**0.95**	**0.98**

Table 76: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
5	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.19	0.22
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
9	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.20	0.22	0.24	0.30	0.36
11	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
13	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.27	0.30	0.32	0.40	0.48
15	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.45	0.54
17	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
19	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
21	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.69
23	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.47	0.51	0.63	0.72
25	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.66	0.76
27	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.54	0.57	0.70	0.79
29	0.05	0.07	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
30	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.45	0.54	0.58	0.62	0.74	**0.83**
35	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
40	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.71	0.74	**0.85**	**0.92**
50	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
55	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
60	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.57	0.60	0.62	0.69	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
80	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.81**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
100	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.69	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**

Table 77: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
9	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
11	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
13	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.27
15	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
17	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
19	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
21	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
25	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
27	0.04	0.05	0.06	0.07	0.08	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
29	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
30	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.45	0.54
35	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
40	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.45	0.57	0.66
50	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.66	0.76
55	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.32	0.33	0.38	0.42	0.51	0.54	0.58	0.71	**0.80**
60	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.45	0.54	0.58	0.62	0.74	**0.83**
80	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.71	0.74	**0.85**	**0.92**
100	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**

Table 78: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
5	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.19	0.22
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
9	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.20	0.22	0.24	0.30	0.36
11	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
13	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.27	0.30	0.32	0.40	0.48
15	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.45	0.54
17	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
19	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
21	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.69
23	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.47	0.51	0.63	0.72
25	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.66	0.76
27	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.54	0.57	0.70	0.79
29	0.05	0.07	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
30	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.45	0.54	0.58	0.62	0.74	**0.83**
35	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
40	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.71	0.74	**0.85**	**0.92**
50	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
55	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
60	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.57	0.60	0.62	0.69	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
80	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.81**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
100	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.69	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**

Table 79: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
9	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
11	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
13	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.27
15	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
17	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
19	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
21	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
25	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
27	0.04	0.05	0.06	0.07	0.08	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
29	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
30	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.45	0.54
35	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
40	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.45	0.57	0.66
50	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.66	0.76
55	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.32	0.33	0.38	0.42	0.51	0.54	0.58	0.71	**0.80**
60	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.45	0.54	0.58	0.62	0.74	**0.83**
80	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.71	0.74	**0.85**	**0.92**
100	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**

Table 80: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
9	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
11	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
13	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.27
15	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
17	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.20	0.21	0.23	0.28	0.34
19	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
21	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
25	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
27	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
29	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
30	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.46	0.54
35	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
40	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
50	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
55	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
60	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
80	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
100	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**

Table 81: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
7	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
9	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
11	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
13	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
15	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
17	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.16	0.20
19	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
21	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
23	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.15	0.16	0.17	0.21	0.25
25	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
27	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.18	0.19	0.24	0.28
29	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
30	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
35	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.22	0.23	0.29	0.35
40	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
50	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
55	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.33	0.42	0.51
60	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.46	0.54
80	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
100	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76

Table 82: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
9	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
11	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
13	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.27
15	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
17	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.20	0.21	0.23	0.28	0.34
19	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
21	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
25	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
27	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
29	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
30	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.46	0.54
35	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
40	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
50	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
55	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
60	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
80	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
100	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**

Table 83: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
7	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
9	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
11	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
13	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
15	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
17	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.16	0.20
19	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
21	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
23	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.15	0.16	0.17	0.21	0.25
25	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
27	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.18	0.19	0.24	0.28
29	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
30	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
35	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.22	0.23	0.29	0.35
40	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
50	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
55	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.33	0.42	0.51
60	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.46	0.54
80	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
100	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76

Table 84: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
11	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
13	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
15	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.68
17	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
19	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.32	0.37	0.41	0.49	0.53	0.57	0.69	0.78
21	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**
23	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
25	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
27	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
29	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
30	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
35	0.06	0.09	0.13	0.17	0.20	0.23	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.65	0.75	0.79	**0.82**	**0.92**	**0.96**
40	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.95**	**0.98**
50	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
55	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
60	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
80	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
100	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.86**	**0.88**	**0.91**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**

Table 85: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
9	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
11	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
13	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.20	0.22	0.24	0.30	0.36
15	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
17	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.30	0.38	0.45
19	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
21	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
23	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.21	0.24	0.27	0.33	0.35	0.38	0.48	0.57
25	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
27	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.24	0.28	0.31	0.37	0.40	0.43	0.54	0.64
29	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
30	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.68
35	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
40	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.38	0.43	0.51	0.55	0.59	0.71	**0.80**
50	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
55	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
60	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
80	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.95**	**0.98**
100	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**

Table 86: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
11	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
13	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
15	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.68
17	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
19	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.32	0.37	0.41	0.49	0.53	0.57	0.69	0.78
21	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**
23	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
25	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
27	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
29	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
30	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
35	0.06	0.09	0.13	0.17	0.20	0.23	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.65	0.75	0.79	**0.82**	**0.92**	**0.96**
40	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.95**	**0.98**
50	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
55	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
60	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
80	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
100	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.86**	**0.88**	**0.91**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**

Table 87: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
9	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
11	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
13	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.20	0.22	0.24	0.30	0.36
15	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
17	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.30	0.38	0.45
19	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
21	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
23	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.21	0.24	0.27	0.33	0.35	0.38	0.48	0.57
25	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
27	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.24	0.28	0.31	0.37	0.40	0.43	0.54	0.64
29	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
30	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.68
35	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
40	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.38	0.43	0.51	0.55	0.59	0.71	**0.80**
50	0.05	0.08	0.10	0.13	0.16	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
55	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
60	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
80	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.95**	**0.98**
100	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**

Table 88: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.07
3	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
9	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
11	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
13	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.36
15	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
17	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
19	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.49
21	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
23	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.24	0.27	0.33	0.35	0.38	0.48	0.57
25	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
27	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.37	0.41	0.44	0.55	0.64
29	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
30	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.69
35	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.30	0.35	0.39	0.46	0.50	0.53	0.66	0.75
40	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.51	0.55	0.59	0.71	**0.81**
50	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
55	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
60	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
80	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
100	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**

Table 89: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
5	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
7	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
9	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
11	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
13	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.21
15	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
17	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
19	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.19	0.23	0.28
21	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
23	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
25	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
27	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.37
29	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.40
30	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
35	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
40	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.51
50	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
55	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.55	0.65
60	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.69
80	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.51	0.55	0.59	0.71	**0.81**
100	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**

Table 90: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.07
3	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
9	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
11	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
13	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.36
15	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
17	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
19	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.49
21	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
23	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.24	0.27	0.33	0.35	0.38	0.48	0.57
25	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
27	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.37	0.41	0.44	0.55	0.64
29	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
30	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.69
35	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.30	0.35	0.39	0.46	0.50	0.53	0.66	0.75
40	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.51	0.55	0.59	0.71	**0.81**
50	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
55	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
60	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
80	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
100	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**

Table 91: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
5	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
7	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
9	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
11	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
13	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.21
15	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
17	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
19	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.19	0.23	0.28
21	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
23	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
25	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
27	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.37
29	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.40
30	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
35	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
40	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.51
50	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
55	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.55	0.65
60	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.34	0.41	0.44	0.47	0.59	0.69
80	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.51	0.55	0.59	0.71	**0.81**
100	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**

Table 92: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.32	0.38
13	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.19	0.21	0.25	0.27	0.29	0.36	0.44
15	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
19	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.34	0.36	0.39	0.49	0.58
21	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.37	0.40	0.42	0.53	0.63
23	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.43	0.46	0.57	0.67
25	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
27	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
29	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.36	0.40	0.48	0.51	0.55	0.67	0.77
30	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
35	0.05	0.07	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.36	0.37	0.42	0.46	0.55	0.59	0.63	0.75	**0.84**
40	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
50	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
55	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
60	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
80	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
100	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**

Table 93: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.32	0.38
13	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.19	0.21	0.25	0.27	0.29	0.36	0.44
15	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
19	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.34	0.36	0.39	0.49	0.58
21	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.37	0.40	0.42	0.53	0.63
23	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.43	0.46	0.57	0.67
25	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
27	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
29	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.36	0.40	0.48	0.51	0.55	0.67	0.77
30	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
35	0.05	0.07	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.36	0.37	0.42	0.46	0.55	0.59	0.63	0.75	**0.84**
40	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
50	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
55	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
60	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
80	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
100	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**

Table 94: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.21	0.25
15	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.25	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 95: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.21	0.25
15	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.25	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 96: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.17	0.21	0.25
15	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.30	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 97: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
13	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.17	0.21	0.25
15	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
17	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
19	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
21	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.37
23	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
25	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
27	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.30	0.37	0.45
29	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.40	0.48
30	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
35	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
40	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
50	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
55	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.74
60	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
80	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
100	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**

Table 98: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
5	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
7	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
9	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
11	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
13	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
15	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
17	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
19	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
21	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.21
23	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.13	0.14	0.15	0.19	0.22
25	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
27	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
29	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
30	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
35	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
40	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.22	0.23	0.29	0.35
50	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
55	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
60	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
80	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
100	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70

Table 99: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
5	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
7	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
9	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
11	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
13	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
15	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
17	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
19	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
21	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.21
23	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.13	0.14	0.15	0.19	0.22
25	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
27	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
29	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
30	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.14	0.16	0.17	0.18	0.23	0.28
35	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
40	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.22	0.23	0.29	0.35
50	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
55	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
60	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
80	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
100	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70

Table 100: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
7	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
15	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
17	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
19	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.43	0.46	0.49	0.61	0.71
21	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.39	0.46	0.50	0.53	0.65	0.75
23	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
25	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
27	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
29	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.39	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
30	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
35	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.93**
40	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
50	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
55	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
60	0.06	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
80	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
100	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**

Table 101: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.08
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
7	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.23	0.25	0.27	0.34	0.41
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
15	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
17	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
19	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.43	0.46	0.49	0.61	0.71
21	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.39	0.46	0.50	0.53	0.65	0.75
23	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
25	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
27	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
29	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.39	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
30	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
35	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.93**
40	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
50	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
55	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
60	0.06	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
80	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
100	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**

Table 102: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.85**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**

Table 103: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.85**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.68	**0.80**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.35	0.39	0.42	0.44	0.47	0.50	0.51	0.58	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**

Table 104: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.26	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.45	0.48	0.51	0.64	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.47	0.50	0.51	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.86**	**0.88**	**0.95**	**0.98**

Table 105: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
9	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
11	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
13	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
15	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
17	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.26	0.32	0.39
19	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
21	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
23	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
25	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
27	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
29	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
30	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
35	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
40	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.45	0.48	0.51	0.64	0.73
50	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**
55	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
60	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
80	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.47	0.50	0.51	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
100	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.86**	**0.88**	**0.95**	**0.98**

Table 106: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
7	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
9	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
11	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.13	0.16
13	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
15	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
17	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.18	0.22
19	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
21	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
23	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.19	0.23	0.28
25	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
27	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
29	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
30	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
35	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.23	0.24	0.26	0.33	0.40
40	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
50	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
55	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.21	0.24	0.27	0.33	0.35	0.38	0.48	0.57
60	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
80	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.45	0.48	0.51	0.64	0.73
100	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**

Table 107: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.10

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
7	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
9	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
11	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.13	0.16
13	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
15	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
17	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.18	0.22
19	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
21	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
23	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.19	0.23	0.28
25	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
27	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
29	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
30	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
35	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.23	0.24	0.26	0.33	0.40
40	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
50	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
55	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.21	0.24	0.27	0.33	0.35	0.38	0.48	0.57
60	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
80	0.04	0.07	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.45	0.48	0.51	0.64	0.73
100	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**

Table 108: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.25	0.31
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.46	0.50	0.61	0.71
5	0.05	0.08	0.11	0.14	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.48	0.54	0.63	0.67	0.71	**0.83**	**0.90**
7	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
9	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.48	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
11	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
13	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.74	0.78	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 109: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.25	0.31
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.46	0.50	0.61	0.71
5	0.05	0.08	0.11	0.14	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.48	0.54	0.63	0.67	0.71	**0.83**	**0.90**
7	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
9	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.48	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
11	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
13	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.74	0.78	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 110: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.25	0.31
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.46	0.50	0.61	0.71
5	0.05	0.08	0.11	0.14	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.48	0.54	0.63	0.67	0.71	**0.83**	**0.90**
7	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
9	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.48	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
11	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
13	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.74	0.78	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 111: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.25	0.31
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.46	0.50	0.61	0.71
5	0.05	0.08	0.11	0.14	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.48	0.54	0.63	0.67	0.71	**0.83**	**0.90**
7	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
9	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.48	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
11	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
13	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.74	0.78	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 112: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.53	0.54	0.60	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
15	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.38	0.42	0.46	0.49	0.52	0.56	0.59	0.60	0.67	0.72	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.58	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
21	0.07	0.13	0.19	0.24	0.30	0.35	0.41	0.46	0.50	0.55	0.59	0.63	0.67	0.70	0.73	0.74	**0.81**	**0.86**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.17	0.25	0.33	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.82**	**0.84**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.19	0.28	0.37	0.46	0.53	0.60	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.72	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 113: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.53	0.54	0.60	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
15	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.38	0.42	0.46	0.49	0.52	0.56	0.59	0.60	0.67	0.72	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.58	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
21	0.07	0.13	0.19	0.24	0.30	0.35	0.41	0.46	0.50	0.55	0.59	0.63	0.67	0.70	0.73	0.74	**0.81**	**0.86**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.17	0.25	0.33	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.82**	**0.84**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.19	0.28	0.37	0.46	0.53	0.60	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.72	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 114: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.53	0.54	0.60	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
15	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.38	0.42	0.46	0.49	0.52	0.56	0.59	0.60	0.67	0.72	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.58	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
21	0.07	0.13	0.19	0.24	0.30	0.35	0.41	0.46	0.50	0.55	0.59	0.63	0.67	0.70	0.73	0.74	**0.81**	**0.86**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.17	0.25	0.33	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.82**	**0.84**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.19	0.28	0.37	0.46	0.53	0.60	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.72	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 115: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.53	0.54	0.60	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
15	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.38	0.42	0.46	0.49	0.52	0.56	0.59	0.60	0.67	0.72	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.58	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
21	0.07	0.13	0.19	0.24	0.30	0.35	0.41	0.46	0.50	0.55	0.59	0.63	0.67	0.70	0.73	0.74	**0.81**	**0.86**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.17	0.25	0.33	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.82**	**0.84**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.19	0.28	0.37	0.46	0.53	0.60	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.72	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 116: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
3	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
7	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.93**	**0.98**	**0.99**
9	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.14	0.34	0.52	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.25	0.60	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 117: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
3	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
7	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.93**	**0.98**	**0.99**
9	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.14	0.34	0.52	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.25	0.60	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 118: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
3	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
7	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.93**	**0.98**	**0.99**
9	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.14	0.34	0.52	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.25	0.60	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 119: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
3	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
7	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.93**	**0.98**	**0.99**
9	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.14	0.34	0.52	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.25	0.60	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 120: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.13	0.14	0.15	0.19	0.22
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
5	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.76
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.29	0.32	0.35	0.38	0.41	0.44	0.46	0.49	0.50	0.57	0.62	0.72	0.76	**0.80**	**0.90**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
17	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
19	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.46	0.67	**0.81**	**0.90**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 121: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.13	0.14	0.15	0.19	0.22
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
5	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.76
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.29	0.32	0.35	0.38	0.41	0.44	0.46	0.49	0.50	0.57	0.62	0.72	0.76	**0.80**	**0.90**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
17	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
19	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.46	0.67	**0.81**	**0.90**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 122: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.13	0.14	0.15	0.19	0.22
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
5	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.76
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.29	0.32	0.35	0.38	0.41	0.44	0.46	0.49	0.50	0.57	0.62	0.72	0.76	**0.80**	**0.90**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
17	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
19	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.46	0.67	**0.81**	**0.90**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 123: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.11	0.13	0.14	0.15	0.19	0.22
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
5	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.47	0.51	0.55	0.67	0.76
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.29	0.32	0.35	0.38	0.41	0.44	0.46	0.49	0.50	0.57	0.62	0.72	0.76	**0.80**	**0.90**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
17	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
19	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.46	0.67	**0.81**	**0.90**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 124: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
3	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
7	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
9	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
11	0.07	0.14	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
13	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.11	0.24	0.36	0.47	0.58	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 125: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
7	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
9	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
13	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.95**	**0.98**
15	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.64	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
17	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
19	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
21	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
23	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.63	0.67	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
27	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
29	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.91**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.23	0.35	0.46	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.13	0.29	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 126: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
3	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
7	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
9	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
11	0.07	0.14	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
13	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.11	0.24	0.36	0.47	0.58	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 127: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
7	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
9	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
13	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.54	0.57	0.59	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.95**	**0.98**
15	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.64	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
17	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
19	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
21	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
23	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.63	0.67	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
27	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
29	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.91**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.23	0.35	0.46	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.13	0.29	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 128: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
5	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.32	0.35	0.42	0.46	0.49	0.61	0.71
7	0.05	0.07	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.32	0.34	0.36	0.37	0.42	0.47	0.55	0.59	0.63	0.75	**0.84**
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
11	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
13	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.38	0.42	0.46	0.49	0.52	0.55	0.58	0.60	0.67	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
17	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
19	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
21	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
23	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.77	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.08	0.17	0.25	0.34	0.42	0.49	0.55	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
29	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 129: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11	0.12
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.18	0.23	0.28
5	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
7	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.55
9	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.57	0.66
11	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
13	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
15	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.87**
17	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
19	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
21	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.51	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
25	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
27	0.06	0.11	0.15	0.19	0.23	0.28	0.32	0.36	0.40	0.43	0.47	0.51	0.54	0.57	0.60	0.62	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
29	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
30	0.06	0.11	0.16	0.21	0.25	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
35	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
40	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
50	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
55	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
60	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 130: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.21	0.23	0.28	0.30	0.32	0.41	0.49
5	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.32	0.35	0.42	0.46	0.49	0.61	0.71
7	0.05	0.07	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.32	0.34	0.36	0.37	0.42	0.47	0.55	0.59	0.63	0.75	**0.84**
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
11	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
13	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.38	0.42	0.46	0.49	0.52	0.55	0.58	0.60	0.67	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
17	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
19	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
21	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
23	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.77	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.08	0.17	0.25	0.34	0.42	0.49	0.55	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
29	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 131: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11	0.12
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.18	0.23	0.28
5	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
7	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.55
9	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.57	0.66
11	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
13	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
15	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.87**
17	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
19	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
21	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.51	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
25	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
27	0.06	0.11	0.15	0.19	0.23	0.28	0.32	0.36	0.40	0.43	0.47	0.51	0.54	0.57	0.60	0.62	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
29	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
30	0.06	0.11	0.16	0.21	0.25	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
35	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
40	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
50	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
55	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
60	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.11	0.23	0.35	0.47	0.57	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 132: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
3	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
5	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
7	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.75	**0.80**	**0.83**	**0.86**	**0.88**	**0.91**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.35	0.54	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.16	0.38	0.57	0.71	**0.82**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 133: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.54	0.57	0.61	0.74	**0.83**
7	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
9	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.32	0.36	0.40	0.43	0.46	0.49	0.52	0.55	0.57	0.63	0.69	0.78	**0.82**	**0.85**	**0.94**	**0.97**
11	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
13	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.15	0.35	0.54	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 134: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
3	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
5	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
7	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.75	**0.80**	**0.83**	**0.86**	**0.88**	**0.91**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.35	0.54	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.16	0.38	0.57	0.71	**0.82**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 135: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.54	0.57	0.61	0.74	**0.83**
7	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
9	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.32	0.36	0.40	0.43	0.46	0.49	0.52	0.55	0.57	0.63	0.69	0.78	**0.82**	**0.85**	**0.94**	**0.97**
11	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
13	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.78	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.15	0.35	0.54	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 136: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
5	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	**0.88**	**0.94**
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.83**	**0.87**	**0.94**	**0.98**
11	0.06	0.11	0.16	0.21	0.26	0.31	0.35	0.39	0.44	0.48	0.52	0.55	0.59	0.62	0.65	0.67	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
13	0.07	0.13	0.18	0.24	0.30	0.35	0.40	0.45	0.50	0.54	0.59	0.63	0.66	0.69	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
15	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.09	0.19	0.29	0.39	0.47	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.31	0.41	0.51	0.59	0.66	0.72	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.79	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.86**	**0.90**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 137: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
3	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.36
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
7	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.60	0.69
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.32	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
11	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
13	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.36	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
15	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
17	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
19	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.71	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
25	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.53	0.57	0.61	0.64	0.68	0.71	0.72	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
27	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
29	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.79	**0.84**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
30	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
35	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
40	0.09	0.17	0.26	0.34	0.42	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
50	0.10	0.21	0.31	0.41	0.51	0.59	0.66	0.72	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 138: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
5	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	0.84
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	0.88	0.94
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.71	0.80	0.83	0.87	0.94	0.98
11	0.06	0.11	0.16	0.21	0.26	0.31	0.35	0.39	0.44	0.48	0.52	0.55	0.59	0.62	0.65	0.67	0.73	0.79	0.87	0.90	0.92	0.97	0.99
13	0.07	0.13	0.18	0.24	0.30	0.35	0.40	0.45	0.50	0.54	0.59	0.63	0.66	0.69	0.73	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
15	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
17	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	0.81	0.83	0.85	0.90	0.93	0.97	0.98	0.99	1.00	1.00
19	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	0.83	0.86	0.88	0.90	0.91	0.95	0.97	0.99	0.99	1.00	1.00	1.00
23	0.09	0.19	0.29	0.39	0.47	0.55	0.63	0.69	0.74	0.79	0.83	0.86	0.89	0.91	0.93	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00
25	0.10	0.21	0.31	0.41	0.51	0.59	0.66	0.72	0.78	0.82	0.86	0.89	0.91	0.93	0.94	0.95	0.97	0.99	1.00	1.00	1.00	1.00	1.00
27	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.76	0.81	0.85	0.88	0.91	0.93	0.95	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
29	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.79	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
30	0.11	0.24	0.36	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
35	0.12	0.27	0.41	0.54	0.65	0.73	0.80	0.86	0.90	0.92	0.95	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.13	0.30	0.46	0.60	0.71	0.79	0.85	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.15	0.36	0.55	0.69	0.80	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.16	0.39	0.59	0.73	0.83	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.17	0.42	0.63	0.77	0.87	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.22	0.53	0.75	0.88	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 139: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
3	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.16	0.17	0.21	0.22	0.24	0.30	0.36
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
7	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.60	0.69
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.32	0.33	0.38	0.42	0.51	0.55	0.58	0.71	0.80
11	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	0.87
13	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.36	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	0.85	0.92
15	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	0.80	0.90	0.95
17	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	0.81	0.85	0.93	0.97
19	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	0.82	0.85	0.88	0.95	0.98
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.71	0.77	0.86	0.89	0.91	0.97	0.99
23	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	0.81	0.89	0.91	0.93	0.98	0.99
25	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.53	0.57	0.61	0.64	0.68	0.71	0.72	0.79	0.84	0.91	0.93	0.95	0.99	1.00
27	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	0.82	0.87	0.93	0.95	0.96	0.99	1.00
29	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.71	0.74	0.77	0.79	0.84	0.89	0.94	0.96	0.97	0.99	1.00
30	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
35	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	0.82	0.84	0.86	0.90	0.94	0.97	0.98	0.99	1.00	1.00
40	0.09	0.17	0.26	0.34	0.42	0.50	0.57	0.63	0.68	0.73	0.77	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
50	0.10	0.21	0.31	0.41	0.51	0.59	0.66	0.72	0.78	0.82	0.86	0.89	0.91	0.93	0.94	0.95	0.97	0.99	1.00	1.00	1.00	1.00	1.00
55	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	0.81	0.85	0.89	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00
60	0.11	0.24	0.36	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
80	0.13	0.30	0.46	0.60	0.71	0.79	0.85	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.15	0.36	0.55	0.69	0.80	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 140: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.25	0.26	0.28	0.29	0.32	0.36	0.44	0.47	0.50	0.62	0.72
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
7	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.57	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
9	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.60	0.63	0.66	0.67	0.74	**0.80**	**0.88**	**0.90**	**0.93**	**0.98**	**0.99**
11	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.75	0.78	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
15	0.08	0.16	0.25	0.32	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
19	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.25	0.37	0.49	0.60	0.68	0.75	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.26	0.40	0.52	0.63	0.72	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.21	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.26	0.62	**0.84**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 141: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.25	0.26	0.28	0.29	0.32	0.36	0.44	0.47	0.50	0.62	0.72
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
7	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.57	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
9	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.60	0.63	0.66	0.67	0.74	**0.80**	**0.88**	**0.90**	**0.93**	**0.98**	**0.99**
11	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.75	0.78	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
15	0.08	0.16	0.25	0.32	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
19	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.25	0.37	0.49	0.60	0.68	0.75	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.26	0.40	0.52	0.63	0.72	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.21	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.26	0.62	**0.84**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 142: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.21	0.25	0.27	0.29	0.36	0.44
5	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.37	0.41	0.44	0.55	0.64
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.32	0.37	0.41	0.49	0.53	0.57	0.69	0.78
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.50	0.60	0.64	0.67	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.29	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.72	0.76	**0.87**	**0.93**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.10	0.14	0.18	0.23	0.27	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.50	0.54	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
21	0.07	0.13	0.18	0.24	0.30	0.35	0.40	0.45	0.50	0.54	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.43	0.49	0.55	0.60	0.65	0.70	0.73	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.63	0.68	0.73	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.16	0.25	0.32	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.37	0.49	0.60	0.68	0.75	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 143: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.21	0.25	0.27	0.29	0.36	0.44
5	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.37	0.41	0.44	0.55	0.64
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.32	0.37	0.41	0.49	0.53	0.57	0.69	0.78
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.50	0.60	0.64	0.67	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.29	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.72	0.76	**0.87**	**0.93**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.10	0.14	0.18	0.23	0.27	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.50	0.54	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
21	0.07	0.13	0.18	0.24	0.30	0.35	0.40	0.45	0.50	0.54	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.43	0.49	0.55	0.60	0.65	0.70	0.73	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.63	0.68	0.73	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.16	0.25	0.32	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.37	0.49	0.60	0.68	0.75	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 144: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.55	0.65
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
13	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
15	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
21	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.55	0.60	0.64	0.67	0.70	0.74	0.75	**0.81**	**0.86**	**0.92**	**0.95**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.67	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 145: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.55	0.65
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
9	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
13	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
15	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
17	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
19	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
21	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.55	0.60	0.64	0.67	0.70	0.74	0.75	**0.81**	**0.86**	**0.92**	**0.95**	**0.96**	**0.99**	**1.00**
23	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.67	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
25	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
30	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
35	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 146: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
9	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.59	0.69
13	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
15	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
17	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
19	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
21	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.92**
23	0.05	0.09	0.12	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.50	0.56	0.61	0.71	0.75	0.79	**0.89**	**0.94**
25	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
27	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
29	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
30	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
35	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.92**	**0.98**	**0.99**
40	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
50	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
55	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
60	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
80	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 147: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
9	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.59	0.69
13	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
15	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.60	0.73	**0.82**
17	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
19	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
21	0.05	0.09	0.12	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.34	0.37	0.40	0.42	0.45	0.46	0.52	0.58	0.67	0.71	0.75	**0.86**	**0.92**
23	0.05	0.09	0.12	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.50	0.56	0.61	0.71	0.75	0.79	**0.89**	**0.94**
25	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
27	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
29	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.51	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
30	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
35	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.92**	**0.98**	**0.99**
40	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
50	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
55	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
60	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
80	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 148: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.32	0.39
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.45	0.54	0.58	0.62	0.74	**0.83**
5	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.53	0.54	0.60	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
7	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 149: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.32	0.39
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.45	0.54	0.58	0.62	0.74	**0.83**
5	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.53	0.54	0.60	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
7	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 150: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.19	0.22
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.45	0.54
5	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.66	0.76
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
9	0.05	0.09	0.12	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.50	0.56	0.62	0.71	0.75	0.79	**0.89**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
13	0.06	0.11	0.16	0.20	0.25	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.07	0.14	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.28	0.37	0.46	0.54	0.61	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.96**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.48	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.33	0.51	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 151: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.19	0.22
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.33	0.36	0.45	0.54
5	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.66	0.76
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.60	0.65	0.68	**0.80**	**0.88**
9	0.05	0.09	0.12	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.50	0.56	0.62	0.71	0.75	0.79	**0.89**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
13	0.06	0.11	0.16	0.20	0.25	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.07	0.14	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.28	0.37	0.46	0.54	0.61	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.96**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.48	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.33	0.51	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 152: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.19	0.23
3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
5	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.22	0.23	0.25	0.27	0.29	0.31	0.31	0.36	0.40	0.48	0.52	0.55	0.67	0.77
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.36	0.38	0.40	0.42	0.47	0.52	0.62	0.66	0.70	**0.81**	**0.89**
9	0.06	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
13	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
17	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
19	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.63	0.67	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.82**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.12	0.26	0.40	0.52	0.63	0.72	0.79	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 153: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.19	0.23
3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
5	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.22	0.23	0.25	0.27	0.29	0.31	0.31	0.36	0.40	0.48	0.52	0.55	0.67	0.77
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.36	0.38	0.40	0.42	0.47	0.52	0.62	0.66	0.70	**0.81**	**0.89**
9	0.06	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
11	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
13	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
15	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
17	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.49	0.54	0.58	0.63	0.67	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
19	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.63	0.67	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
23	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.82**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
25	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.12	0.26	0.40	0.52	0.63	0.72	0.79	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 154: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.31	0.40	0.48
7	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.23	0.27	0.30	0.36	0.39	0.42	0.52	0.62
9	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
11	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
13	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
15	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.28	0.31	0.33	0.36	0.39	0.42	0.45	0.47	0.49	0.55	0.60	0.70	0.74	0.78	**0.88**	**0.94**
19	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
21	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
23	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.53	0.57	0.60	0.61	0.68	0.74	**0.82**	**0.86**	**0.89**	**0.96**	**0.98**
25	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
27	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
29	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
30	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
35	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
40	0.08	0.15	0.23	0.30	0.37	0.43	0.49	0.55	0.60	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
50	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
55	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.12	0.26	0.40	0.52	0.63	0.72	0.79	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 155: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.31	0.40	0.48
7	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.23	0.27	0.30	0.36	0.39	0.42	0.52	0.62
9	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
11	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
13	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
15	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.28	0.31	0.33	0.36	0.39	0.42	0.45	0.47	0.49	0.55	0.60	0.70	0.74	0.78	**0.88**	**0.94**
19	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.65	0.75	0.79	**0.82**	**0.91**	**0.96**
21	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
23	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.53	0.57	0.60	0.61	0.68	0.74	**0.82**	**0.86**	**0.89**	**0.96**	**0.98**
25	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
27	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
29	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
30	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
35	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
40	0.08	0.15	0.23	0.30	0.37	0.43	0.49	0.55	0.60	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
50	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
55	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.12	0.26	0.40	0.52	0.63	0.72	0.79	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 156: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.42	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 157: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.42	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 158: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.42	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 159: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.42	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 160: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
3	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.80	0.83	0.86	0.94	0.98
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	0.82	0.85	0.88	0.90	0.91	0.95	0.97	0.99	0.99	1.00	1.00	1.00
9	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	0.80	0.84	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
11	0.11	0.26	0.39	0.51	0.62	0.71	0.78	0.83	0.88	0.91	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.13	0.29	0.45	0.58	0.69	0.78	0.84	0.89	0.92	0.95	0.96	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.14	0.33	0.50	0.64	0.75	0.83	0.89	0.93	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.15	0.37	0.55	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.17	0.40	0.60	0.75	0.84	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.18	0.44	0.64	0.79	0.88	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.19	0.47	0.68	0.82	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.21	0.50	0.72	0.85	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.22	0.53	0.75	0.88	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.23	0.56	0.78	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.27	0.64	0.85	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.36	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.62	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 161: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
3	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.80	0.83	0.86	0.94	0.98
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	0.82	0.85	0.88	0.90	0.91	0.95	0.97	0.99	0.99	1.00	1.00	1.00
9	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	0.80	0.84	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
11	0.11	0.26	0.39	0.51	0.62	0.71	0.78	0.83	0.88	0.91	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.13	0.29	0.45	0.58	0.69	0.78	0.84	0.89	0.92	0.95	0.96	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.14	0.33	0.50	0.64	0.75	0.83	0.89	0.93	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.15	0.37	0.55	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.17	0.40	0.60	0.75	0.84	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.18	0.44	0.64	0.79	0.88	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.19	0.47	0.68	0.82	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.21	0.50	0.72	0.85	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.22	0.53	0.75	0.88	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.23	0.56	0.78	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.27	0.64	0.85	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.36	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.62	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 162: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
3	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.29	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.50	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.27	0.64	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 163: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
3	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.29	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.50	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.27	0.64	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 164: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
3	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 165: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
3	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 166: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
3	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 167: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
3	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 168: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.36	0.54	0.69	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.26	0.63	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 169: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.36	0.54	0.69	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.26	0.63	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 170: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	0.80	0.88	0.91	0.93	0.98	0.99
5	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
7	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	0.80	0.84	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.13	0.31	0.48	0.61	0.72	0.80	0.86	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.15	0.36	0.54	0.69	0.79	0.86	0.91	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.40	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.23	0.57	0.78	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.26	0.63	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 171: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	0.80	0.88	0.91	0.93	0.98	0.99
5	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
7	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	0.80	0.84	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.13	0.31	0.48	0.61	0.72	0.80	0.86	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.15	0.36	0.54	0.69	0.79	0.86	0.91	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.40	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.23	0.57	0.78	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.26	0.63	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 172: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	0.84	0.91
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
5	0.11	0.25	0.38	0.50	0.60	0.69	0.76	0.82	0.86	0.90	0.92	0.94	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.14	0.33	0.50	0.64	0.75	0.83	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.17	0.40	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.19	0.48	0.69	0.83	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.22	0.54	0.76	0.88	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.28	0.66	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.35	0.78	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.40	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 173: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.55	0.65
3	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.59	0.60	0.67	0.73	0.82	0.85	0.88	0.95	0.98
5	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.74	0.78	0.80	0.82	0.87	0.91	0.96	0.97	0.98	1.00	1.00
7	0.09	0.19	0.28	0.37	0.46	0.54	0.61	0.67	0.72	0.77	0.81	0.84	0.87	0.90	0.91	0.92	0.96	0.97	0.99	1.00	1.00	1.00	1.00
9	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.82	0.86	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.15	0.35	0.53	0.67	0.78	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.16	0.39	0.58	0.72	0.82	0.89	0.94	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.17	0.42	0.63	0.77	0.86	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.19	0.46	0.67	0.81	0.90	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.21	0.53	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.23	0.56	0.78	0.90	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.24	0.59	0.80	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.32	0.73	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 174: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	0.84	0.91
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
5	0.11	0.25	0.38	0.50	0.60	0.69	0.76	0.82	0.86	0.90	0.92	0.94	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.14	0.33	0.50	0.64	0.75	0.83	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.17	0.40	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.19	0.48	0.69	0.83	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.22	0.54	0.76	0.88	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.28	0.66	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.35	0.78	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.40	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 175: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.55	0.65
3	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.59	0.60	0.67	0.73	0.82	0.85	0.88	0.95	0.98
5	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.74	0.78	0.80	0.82	0.87	0.91	0.96	0.97	0.98	1.00	1.00
7	0.09	0.19	0.28	0.37	0.46	0.54	0.61	0.67	0.72	0.77	0.81	0.84	0.87	0.90	0.91	0.92	0.96	0.97	0.99	1.00	1.00	1.00	1.00
9	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.82	0.86	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.15	0.35	0.53	0.67	0.78	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.16	0.39	0.58	0.72	0.82	0.89	0.94	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.17	0.42	0.63	0.77	0.86	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.19	0.46	0.67	0.81	0.90	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.21	0.53	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.23	0.56	0.78	0.90	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.24	0.59	0.80	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.32	0.73	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 176: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
3	0.06	0.11	0.16	0.20	0.25	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.30	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.46	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 177: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.16	0.18	0.20	0.24	0.25	0.27	0.35	0.42
3	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
7	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.57	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.08	0.17	0.25	0.34	0.41	0.49	0.55	0.61	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.83**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.26	0.40	0.52	0.63	0.72	0.79	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.43	0.57	0.67	0.76	**0.83**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 178: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
3	0.06	0.11	0.16	0.20	0.25	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.30	0.45	0.58	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.46	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 179: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.16	0.18	0.20	0.24	0.25	0.27	0.35	0.42
3	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
7	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.57	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.08	0.17	0.25	0.34	0.41	0.49	0.55	0.61	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.83**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.26	0.40	0.52	0.63	0.72	0.79	**0.84**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.43	0.57	0.67	0.76	**0.83**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 180: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.52	0.54	0.60	0.66	0.76	0.79	0.83	0.92	0.96
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.41	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.20	0.50	0.71	0.85	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.24	0.58	0.79	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.52	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 181: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.76
3	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.82	0.86	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.12	0.28	0.43	0.56	0.67	0.75	0.82	0.87	0.91	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.14	0.33	0.50	0.64	0.75	0.83	0.89	0.93	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.16	0.38	0.57	0.72	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.18	0.43	0.63	0.78	0.87	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.19	0.47	0.69	0.82	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.21	0.52	0.73	0.86	0.93	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.23	0.56	0.78	0.90	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.25	0.60	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.35	0.78	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 182: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.41	0.44	0.47	0.50	0.52	0.54	0.60	0.66	0.76	0.79	**0.83**	**0.92**	**0.96**
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.24	0.58	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 183: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.76
3	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.12	0.28	0.43	0.56	0.67	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.52	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 184: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.53	0.56	0.60	0.73	**0.82**
3	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.78	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 185: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.47	0.48	0.55	0.60	0.70	0.74	0.78	**0.88**	**0.94**
5	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
7	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.11	0.24	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.85**	**0.89**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.14	0.33	0.51	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.36	0.55	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.18	0.45	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 186: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.53	0.56	0.60	0.73	**0.82**
3	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.78	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 187: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.47	0.48	0.55	0.60	0.70	0.74	0.78	**0.88**	**0.94**
5	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
7	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.11	0.24	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.85**	**0.89**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.14	0.33	0.51	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.36	0.55	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.18	0.45	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 188: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 189: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 190: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.40	0.51	0.60
3	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
5	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
7	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.88**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.49	0.60	0.68	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.48	0.70	**0.84**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.62	**0.84**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 191: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.40	0.51	0.60
3	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
5	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
7	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.88**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.49	0.60	0.68	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.48	0.70	**0.84**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.62	**0.84**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 192: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
3	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
5	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.09	0.19	0.28	0.37	0.46	0.54	0.61	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.96**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.15	0.35	0.53	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.23	0.56	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.31	0.73	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 193: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
3	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
5	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.53	0.58	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.09	0.19	0.28	0.37	0.46	0.54	0.61	0.67	0.72	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.96**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.15	0.35	0.53	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.23	0.56	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.31	0.73	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 194: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
3	0.05	0.07	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.53	0.56	0.60	0.73	**0.82**
5	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.43	0.45	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.44	0.48	0.52	0.55	0.59	0.62	0.65	0.67	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.28	0.43	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.35	0.53	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.31	0.73	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 195: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
3	0.05	0.07	0.09	0.11	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.53	0.56	0.60	0.73	**0.82**
5	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.43	0.45	0.48	0.51	0.53	0.59	0.65	0.74	0.78	**0.82**	**0.91**	**0.96**
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.44	0.48	0.52	0.55	0.59	0.62	0.65	0.67	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
11	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.28	0.43	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.35	0.53	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.31	0.73	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 196: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.47	0.48	0.55	0.60	0.70	0.74	0.78	**0.88**	**0.94**
3	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.75	**0.80**	**0.83**	**0.86**	**0.88**	**0.91**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.65	**0.80**	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.45	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 197: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.47	0.48	0.55	0.60	0.70	0.74	0.78	**0.88**	**0.94**
3	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.75	**0.80**	**0.83**	**0.86**	**0.88**	**0.91**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.65	**0.80**	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.45	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 198: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
3	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.50	0.61	0.69	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.30	0.45	0.59	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 199: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
3	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.57	0.61	0.64	0.65	0.72	0.78	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.50	0.61	0.69	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.30	0.45	0.59	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 200: Power Table for β_{00} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
3	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.66	0.70	0.71	0.77	0.83	0.90	0.93	0.94	0.98	1.00
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.77	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	0.82	0.86	0.89	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.12	0.28	0.43	0.56	0.66	0.75	0.82	0.87	0.91	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.14	0.33	0.50	0.64	0.75	0.83	0.89	0.93	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.18	0.43	0.63	0.77	0.87	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.19	0.47	0.69	0.82	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.21	0.52	0.73	0.86	0.93	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.23	0.56	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.25	0.60	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.28	0.66	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.35	0.77	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 201: Power Table for β_{10} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

g \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
3	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.66	0.70	0.71	0.77	0.83	0.90	0.93	0.94	0.98	1.00
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.77	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	0.82	0.86	0.89	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.12	0.28	0.43	0.56	0.66	0.75	0.82	0.87	0.91	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.14	0.33	0.50	0.64	0.75	0.83	0.89	0.93	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.18	0.43	0.63	0.77	0.87	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.19	0.47	0.69	0.82	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.21	0.52	0.73	0.86	0.93	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.23	0.56	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.25	0.60	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.28	0.66	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.35	0.77	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 202: Power Table for β_{01} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.28	0.31	0.39	0.47
3	0.05	0.08	0.11	0.14	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.48	0.54	0.63	0.67	0.71	**0.83**	**0.90**
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
9	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.10	0.21	0.33	0.43	0.53	0.61	0.68	0.74	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.18	0.43	0.63	0.77	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.22	0.54	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 203: Power Table for β_{11} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

g	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.28	0.31	0.39	0.47
3	0.05	0.08	0.11	0.14	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.48	0.54	0.63	0.67	0.71	**0.83**	**0.90**
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.07	0.14	0.20	0.26	0.32	0.38	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
9	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.10	0.21	0.33	0.43	0.53	0.61	0.68	0.74	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.18	0.43	0.63	0.77	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.22	0.54	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Appendix B.3 Level-3 Power Tables

Table 204: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
g = h	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
	9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
	13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
	15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 205: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
g = h	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
	9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
	13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
	15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 206: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 207: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 208: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 209: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 210: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 211: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 212: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 213: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 214: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 215: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 216: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
9	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.96**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 217: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.08	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 218: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
	5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
	7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
	9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
	11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
	13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
	15	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
	17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
	19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
$g = h$	21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	27	0.09	0.20	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 219: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
	11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
	15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
	17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
$g = h$	21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
	23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
	25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
	29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	40	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 220: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
5	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.50	0.60	0.64	0.67	**0.80**	**0.88**
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
11	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
13	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.76	0.79	**0.82**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.79	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 221: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.50	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.53	0.57	0.60	0.61	0.68	0.73	**0.82**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.49	0.54	0.58	0.62	0.66	0.69	0.72	0.73	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 222: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.70	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 223: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
11	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.55	0.61	0.67	0.76	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 224: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

													n											
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
	7	0.05	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.91**	**0.96**
	11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
	13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	15	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	17	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 225: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

													n											
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.66	0.74	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.41	0.61	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 226: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.34	0.37	0.45	0.49	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.40	0.43	0.47	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 227: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.54	0.59	0.69	0.73	0.76	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 228: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
9	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.91**	**0.96**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.47	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.23	0.35	0.46	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.26	0.63	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 229: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
9	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.91**	**0.96**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.47	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.23	0.35	0.46	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.26	0.63	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 230: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.38	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
13	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.75	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.11	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 231: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.38	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
13	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.75	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.11	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 232: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.51	0.60	0.64	0.68	**0.80**	**0.88**
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
11	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
13	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.43	0.63	0.77	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 233: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.61
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.51	0.60	0.64	0.68	**0.80**	**0.88**
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
11	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
13	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.43	0.63	0.77	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 234: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.77	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.70	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 235: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.77	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.70	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 236: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.75	0.79	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 237: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.75	0.79	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 238: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.34	0.37	0.45	0.49	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.40	0.44	0.47	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 239: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.34	0.37	0.45	0.49	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.40	0.44	0.47	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 240: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 241: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 242: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 243: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 244: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
	7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
	11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 245: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
	7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
	11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 246: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 247: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 248: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 249: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 250: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 251: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 252: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
9	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.96**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 253: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
9	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.96**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 254: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.20	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 255: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.20	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 256: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
5	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.50	0.60	0.64	0.67	**0.80**	**0.88**
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
11	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
13	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.76	0.79	**0.82**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.79	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 257: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
5	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.50	0.60	0.64	0.67	**0.80**	**0.88**
9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
11	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
13	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.76	0.79	**0.82**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.79	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 258: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.70	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 259: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.70	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 260: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
	7	0.05	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.91**	**0.96**
	11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
	13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	15	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	17	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 261: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
	7	0.05	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.91**	**0.96**
	11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
	13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	15	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	17	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 262: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.34	0.37	0.45	0.49	0.52	0.64	0.74
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.40	0.43	0.47	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 263: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.34	0.37	0.45	0.49	0.52	0.64	0.74
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.40	0.43	0.47	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 264: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 265: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 266: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 1), X_{ijkl} \sim N(0, 0.5), W_{ijkl} \sim N(0, 0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
23	0.06	0.10	0.13	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 267: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 1), X_{ijkl} \sim N(0, 0.5), W_{ijkl} \sim N(0, 0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
23	0.06	0.10	0.13	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 268: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
	9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
	13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
	15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 269: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
	9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
	13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
	15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 270: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 271: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 272: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
$g = h$	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 273: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
$g = h$	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 274: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 275: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 276: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 277: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 278: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 279: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 280: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 281: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 282: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 283: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 284: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 285: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 286: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
	5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
	7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
	9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
	11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
	13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
	15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
	17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
	19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
$g = h$	21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 287: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
	5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
	7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
	9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
	11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
	13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
	15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
	17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
	19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
$g = h$	21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 288: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.08	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 289: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.08	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 290: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
	11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
	15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
	17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
$g = h$	23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
	25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
	29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	40	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 291: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
	11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
	15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
	17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
$g = h$	23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
	25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
	29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	40	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 292: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.50	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.53	0.57	0.60	0.61	0.68	0.73	**0.82**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.49	0.54	0.58	0.62	0.66	0.69	0.72	0.73	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 293: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.50	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.53	0.57	0.60	0.61	0.68	0.73	**0.82**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.49	0.54	0.58	0.62	0.66	0.69	0.72	0.73	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 294: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
11	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.55	0.61	0.67	0.76	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 295: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
11	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.55	0.61	0.67	0.76	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 296: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.66	0.74	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.41	0.61	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 297: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
	9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
	11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
	15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
	17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.11	0.24	0.36	0.48	0.58	0.66	0.74	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.17	0.41	0.61	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 298: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.54	0.59	0.69	0.73	0.76	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 299: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.54	0.59	0.69	0.73	0.76	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 300: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 301: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 302: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
23	0.06	0.10	0.13	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 303: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
23	0.06	0.10	0.13	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 304: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 305: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 306: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
	7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
	11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
	13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
	15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
	17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
	19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
	21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
$g = h$	23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
	25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 307: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
	7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
	11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
	13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
	15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
	17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
	19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
	21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
$g = h$	23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
	25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 308: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 309: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 310: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 311: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 312: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 313: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	0.79	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 314: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 315: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.25	0.29	0.32	0.34	0.44	0.52
11	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.48	0.50	0.53	0.55	0.61	0.67	0.77	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 316: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 317: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.32	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.95**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.27	0.36	0.45	0.52	0.59	0.65	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 318: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 319: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 320: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 321: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.29	0.31	0.39	0.47
7	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
9	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.31	0.34	0.37	0.39	0.42	0.45	0.46	0.52	0.57	0.67	0.71	0.75	**0.86**	**0.92**
11	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.47	0.51	0.54	0.58	0.61	0.62	0.69	0.74	**0.83**	**0.87**	**0.89**	**0.96**	**0.99**
13	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
15	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.81**	**0.83**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.64	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.19	0.47	0.68	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 322: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 323: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.39	0.46
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.40	0.43	0.46	0.57	0.67
11	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.62	0.75	**0.83**
13	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
15	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
17	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.58	0.62	0.65	0.68	0.70	0.76	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
19	0.07	0.14	0.20	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**
21	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.77	**0.80**	**0.83**	**0.85**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
23	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.15	0.37	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.19	0.46	0.66	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 324: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
5	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
7	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.64
9	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
11	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.90**	**0.96**
13	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
15	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
17	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.64	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
19	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.13	0.30	0.46	0.59	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.16	0.39	0.58	0.72	**0.82**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 325: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.71	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.08	0.17	0.26	0.34	0.42	0.50	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.84**	**0.88**	**0.90**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.69	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 326: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.31	0.38
9	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
11	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.74
13	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
15	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.39	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.74	0.78	**0.88**	**0.94**
17	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
19	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
21	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
23	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.66	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
25	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
27	0.09	0.20	0.29	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.10	0.22	0.33	0.44	0.53	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.13	0.30	0.45	0.59	0.70	0.78	**0.84**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 327: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
25	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.92**	**0.94**	**0.98**	**0.99**
29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
40	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 328: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.17	0.18	0.22	0.27
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.38	0.41	0.51	0.60
	7	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.27	0.30	0.32	0.34	0.37	0.39	0.40	0.45	0.50	0.60	0.64	0.67	**0.80**	**0.88**
	9	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
	11	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	13	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.76	0.79	**0.82**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	15	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.79	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 329: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
	5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
	7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.34	0.37	0.40	0.50	0.60
	9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
	13	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.53	0.57	0.60	0.61	0.68	0.73	**0.82**	**0.86**	**0.89**	**0.96**	**0.98**
	15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.49	0.54	0.58	0.62	0.66	0.69	0.72	0.73	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	19	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.10	0.21	0.31	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 330: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
7	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
9	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
11	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
13	0.06	0.11	0.15	0.19	0.23	0.27	0.32	0.36	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
15	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
17	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.76	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
19	0.09	0.18	0.27	0.35	0.44	0.51	0.58	0.64	0.70	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
21	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.11	0.24	0.37	0.48	0.59	0.67	0.74	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 331: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.35
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
11	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.33	0.35	0.36	0.40	0.45	0.54	0.58	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.55	0.61	0.67	0.76	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.66	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 332: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.34	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.09	0.13	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.39	0.42	0.45	0.48	0.50	0.52	0.58	0.64	0.73	0.77	**0.81**	**0.91**	**0.96**
11	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
15	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
17	0.10	0.22	0.34	0.45	0.55	0.63	0.70	0.76	**0.81**	**0.85**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 333: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.34	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.33	0.37	0.45	0.48	0.52	0.64	0.73
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.66	0.74	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.41	0.61	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 334: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.52
9	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.29	0.34	0.37	0.45	0.49	0.52	0.64	0.74
11	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
13	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.37	0.40	0.43	0.47	0.49	0.52	0.54	0.60	0.66	0.75	0.79	**0.83**	**0.92**	**0.96**
15	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
17	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
19	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
21	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.21	0.32	0.42	0.51	0.59	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 335: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.31	0.35	0.39	0.47	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.54	0.59	0.69	0.73	0.76	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 336: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
	11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
	15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
	17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.55	0.59	0.72	**0.81**
	19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
	23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
	25	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
	29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	40	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.26	0.63	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 337: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	5	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	9	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
	11	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	13	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
	15	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.27	0.28	0.31	0.35	0.42	0.46	0.49	0.61	0.70
	17	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.55	0.59	0.72	**0.81**
	19	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.30	0.33	0.35	0.38	0.40	0.41	0.46	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	21	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
	23	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.32	0.35	0.39	0.42	0.45	0.48	0.51	0.54	0.55	0.62	0.68	0.77	**0.81**	**0.84**	**0.93**	**0.97**
	25	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	27	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.65	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
	29	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.67	0.71	0.74	0.75	**0.81**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	30	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.59	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	35	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	40	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.13	0.30	0.46	0.60	0.70	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	0.26	0.63	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 338: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
7	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
13	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.20	0.22	0.28	0.33
15	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
19	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
21	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
23	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
25	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
27	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.36	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
29	0.05	0.09	0.12	0.15	0.17	0.20	0.23	0.26	0.29	0.32	0.35	0.37	0.40	0.43	0.45	0.46	0.52	0.58	0.68	0.72	0.75	**0.86**	**0.93**
30	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.75	0.78	**0.88**	**0.94**
35	0.06	0.11	0.15	0.19	0.23	0.28	0.32	0.36	0.40	0.43	0.47	0.51	0.54	0.57	0.60	0.62	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
40	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	**0.80**	**0.85**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
50	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
55	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.11	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 339: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
5	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
7	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
9	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
11	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
13	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.20	0.22	0.28	0.33
15	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
17	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
19	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
21	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
23	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
25	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
27	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.36	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
29	0.05	0.09	0.12	0.15	0.17	0.20	0.23	0.26	0.29	0.32	0.35	0.37	0.40	0.43	0.45	0.46	0.52	0.58	0.68	0.72	0.75	**0.86**	**0.93**
30	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.42	0.45	0.48	0.49	0.55	0.61	0.70	0.75	0.78	**0.88**	**0.94**
35	0.06	0.11	0.15	0.19	0.23	0.28	0.32	0.36	0.40	0.43	0.47	0.51	0.54	0.57	0.60	0.62	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
40	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	**0.80**	**0.85**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
50	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
55	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.11	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 340: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.34
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
11	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.54	0.57	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.55	0.61	0.67	0.76	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.37	0.42	0.45	0.49	0.53	0.56	0.59	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 341: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
7	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.15	0.17	0.20	0.21	0.23	0.29	0.34
9	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
11	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
13	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.54	0.57	0.61	0.74	**0.83**
15	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
17	0.06	0.10	0.13	0.17	0.21	0.24	0.28	0.31	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.55	0.61	0.67	0.76	**0.80**	**0.84**	**0.92**	**0.97**
19	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.37	0.42	0.45	0.49	0.53	0.56	0.59	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
21	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
23	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
25	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
27	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
29	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.87**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 342: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.07
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
9	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.25	0.29
11	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.18	0.19	0.23	0.25	0.27	0.34	0.41
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
15	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
17	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.48	0.51	0.55	0.67	0.77
19	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.37	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
21	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
23	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
25	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
27	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
29	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.43	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.83**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
30	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
35	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
40	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 343: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.07
5	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
9	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.25	0.29
11	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.18	0.19	0.23	0.25	0.27	0.34	0.41
13	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.20	0.23	0.25	0.31	0.33	0.36	0.45	0.54
15	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
17	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.29	0.30	0.31	0.35	0.40	0.48	0.51	0.55	0.67	0.77
19	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.37	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
21	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
23	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
25	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.47	0.51	0.54	0.57	0.58	0.65	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
27	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
29	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.43	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.83**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
30	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
35	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
40	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.12	0.28	0.42	0.55	0.66	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 344: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.30	0.35	0.39	0.46	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.42	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.44	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 345: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.20	0.25	0.30
9	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
11	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
13	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.30	0.35	0.39	0.46	0.50	0.54	0.66	0.75
15	0.05	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
17	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
19	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.56	0.63	0.69	0.78	**0.82**	**0.85**	**0.93**	**0.97**
21	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
23	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
25	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.50	0.55	0.60	0.64	0.68	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
27	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
29	0.09	0.17	0.26	0.35	0.42	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
30	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
35	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.13	0.29	0.44	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 346: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
5	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
9	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
11	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.22	0.23	0.29	0.35
13	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.28	0.31	0.39	0.47
15	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
17	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.34	0.41	0.44	0.48	0.59	0.69
19	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
21	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
23	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
25	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
27	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.52	0.55	0.57	0.63	0.69	0.79	**0.82**	**0.85**	**0.94**	**0.97**
29	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
30	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
35	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
40	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
50	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.28	0.43	0.55	0.66	0.75	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 347: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
5	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
7	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
9	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
11	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.22	0.23	0.29	0.35
13	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.26	0.28	0.31	0.39	0.47
15	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
17	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.34	0.41	0.44	0.48	0.59	0.69
19	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.31	0.32	0.37	0.41	0.49	0.53	0.56	0.69	0.78
21	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24	0.26	0.28	0.31	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
23	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
25	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
27	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.52	0.55	0.57	0.63	0.69	0.79	**0.82**	**0.85**	**0.94**	**0.97**
29	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
30	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.55	0.58	0.61	0.64	0.66	0.73	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
35	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
40	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
50	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.12	0.28	0.43	0.55	0.66	0.75	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 348: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 349: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 350: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 351: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 352: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 353: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 354: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 355: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 356: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	**0.83**	**0.90**
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.81**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 357: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	**0.83**	**0.90**
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.81**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 358: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
	3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
	5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 359: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
	3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
	5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 360: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
5	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
7	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 361: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
7	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 362: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.55
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.69	0.74	0.77	**0.88**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 363: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.69
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
9	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 364: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.21	0.52	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 365: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.52	0.56	0.68	0.78
5	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 366: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
5	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
7	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 367: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.94**	**0.98**	**1.00**
9	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 368: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.45	0.48	0.49	0.55	0.61	0.71	0.75	0.78	**0.89**	**0.94**
5	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 369: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.43	0.46	0.49	0.61	0.71
5	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.37	0.41	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**
9	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 370: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.25	0.26	0.28	0.29	0.33	0.36	0.44	0.47	0.51	0.63	0.72
5	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 371: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.36	0.44
5	0.05	0.08	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.64	0.77	**0.85**
7	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.72	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.41	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 372: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.14	0.16
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.37	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
5	0.07	0.13	0.19	0.25	0.31	0.37	0.43	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
7	0.10	0.22	0.34	0.44	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.33	0.51	0.65	0.76	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.39	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 373: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.14	0.16
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.37	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
5	0.07	0.13	0.19	0.25	0.31	0.37	0.43	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
7	0.10	0.22	0.34	0.44	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.33	0.51	0.65	0.76	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.39	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 374: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.56
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.55	0.60	0.70	0.74	0.77	**0.88**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 375: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.56
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.55	0.60	0.70	0.74	0.77	**0.88**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.39	0.47	0.55	0.62	0.69	0.74	0.79	**0.82**	**0.86**	**0.88**	**0.91**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 376: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.69	0.79	**0.83**	**0.86**	**0.94**	**0.97**
5	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.22	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 377: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.69	0.79	**0.83**	**0.86**	**0.94**	**0.97**
5	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.22	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 378: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.38	0.43	0.51	0.55	0.58	0.71	**0.80**
5	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.56	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 379: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.38	0.43	0.51	0.55	0.58	0.71	**0.80**
5	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.49	0.53	0.57	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.56	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 380: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.19	0.22
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
	5	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.90**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	7	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 381: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.14	0.15	0.19	0.22
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
	5	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.90**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	7	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 382: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
5	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	0.86	0.89	0.91	0.97	0.99
7	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	0.82	0.85	0.87	0.90	0.91	0.94	0.97	0.99	0.99	1.00	1.00	1.00
9	0.12	0.27	0.41	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.15	0.37	0.56	0.70	0.81	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 383: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
5	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.72	0.77	0.86	0.89	0.91	0.97	0.99
7	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	0.82	0.85	0.87	0.90	0.91	0.94	0.97	0.99	0.99	1.00	1.00	1.00
9	0.12	0.27	0.41	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.15	0.37	0.56	0.70	0.81	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 384: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 385: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 386: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 387: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 388: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	0.88	0.94
5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	0.80	0.83	0.86	0.88	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00
7	0.13	0.29	0.45	0.58	0.69	0.77	0.84	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.18	0.44	0.65	0.79	0.88	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.42	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 389: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	0.88	0.94
5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	0.80	0.83	0.86	0.88	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00
7	0.13	0.29	0.45	0.58	0.69	0.77	0.84	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.18	0.44	0.65	0.79	0.88	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.42	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 390: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 391: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 392: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	0.83	0.90
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	0.81	0.83	0.84	0.89	0.93	0.97	0.98	0.99	1.00	1.00
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	0.84	0.88	0.91	0.94	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00
9	0.16	0.39	0.59	0.73	0.83	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.29	0.69	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.37	0.81	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 393: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	0.83	0.90
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	0.81	0.83	0.84	0.89	0.93	0.97	0.98	0.99	1.00	1.00
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	0.84	0.88	0.91	0.94	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00
9	0.16	0.39	0.59	0.73	0.83	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.29	0.69	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.37	0.81	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 394: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
	3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
	5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 395: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
	3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
	5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 396: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
5	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
7	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 397: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
5	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
7	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 398: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.55
	5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.69	0.74	0.77	**0.88**	**0.94**
	7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 399: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.55
	5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.69	0.74	0.77	**0.88**	**0.94**
	7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 400: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.21	0.52	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 401: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.21	0.52	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 402: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
5	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
7	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 403: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
5	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
7	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 404: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.45	0.48	0.49	0.55	0.61	0.71	0.75	0.78	**0.89**	**0.94**
5	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 405: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.45	0.48	0.49	0.55	0.61	0.71	0.75	0.78	**0.89**	**0.94**
5	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 406: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.25	0.26	0.28	0.29	0.33	0.36	0.44	0.47	0.51	0.63	0.72
5	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 407: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.25	0.26	0.28	0.29	0.33	0.36	0.44	0.47	0.51	0.63	0.72
5	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 408: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 409: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 410: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 411: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 412: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 413: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 414: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	0.84	0.91
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	0.83	0.90	0.93	0.95	0.99	1.00
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	0.80	0.85	0.89	0.91	0.94	0.95	0.97	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.14	0.32	0.48	0.62	0.73	0.81	0.87	0.91	0.94	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.40	0.60	0.75	0.84	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 415: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	0.84	0.91
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	0.83	0.90	0.93	0.95	0.99	1.00
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	0.80	0.85	0.89	0.91	0.94	0.95	0.97	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.14	0.32	0.48	0.62	0.73	0.81	0.87	0.91	0.94	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.40	0.60	0.75	0.84	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 416: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 417: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 418: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
7	0.06	0.11	0.16	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 419: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
7	0.06	0.11	0.16	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 420: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
	3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
	5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 421: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
	3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
	5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 422: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	0.84	0.91
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	0.83	0.90	0.93	0.95	0.99	1.00
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	0.80	0.85	0.89	0.91	0.94	0.95	0.97	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.14	0.32	0.48	0.62	0.73	0.81	0.87	0.91	0.94	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.40	0.60	0.75	0.84	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 423: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	0.84	0.91
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	0.83	0.90	0.93	0.95	0.99	1.00
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	0.80	0.85	0.89	0.91	0.94	0.95	0.97	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.14	0.32	0.48	0.62	0.73	0.81	0.87	0.91	0.94	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.40	0.60	0.75	0.84	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 424: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 425: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 426: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 427: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 428: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	**0.83**	**0.90**
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.81**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 429: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	**0.83**	**0.90**
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.81**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 430: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 431: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 432: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
7	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 433: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
7	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 434: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.69
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
9	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 435: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.69
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
9	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 436: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.52	0.56	0.68	0.78
5	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 437: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.52	0.56	0.68	0.78
5	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.69	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.89**	**0.92**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 438: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.94**	**0.98**	**1.00**
9	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 439: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.94**	**0.98**	**1.00**
9	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 440: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.43	0.46	0.49	0.61	0.71
	5	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.37	0.41	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	7	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**
	9	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 441: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
	3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.43	0.46	0.49	0.61	0.71
	5	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.37	0.41	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	7	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**
	9	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 442: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.36	0.44
5	0.05	0.08	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.64	0.77	**0.85**
7	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.72	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.41	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 443: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.36	0.44
5	0.05	0.08	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.64	0.77	**0.85**
7	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.72	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.41	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 444: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 445: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.37	0.46	0.55
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 446: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 447: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.70
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.49	0.53	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 448: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 449: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 450: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

												n												
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
	5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 451: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

												n												
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
	5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 452: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 453: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 454: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
7	0.06	0.11	0.16	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 455: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
5	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.33	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.86**
7	0.06	0.11	0.16	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.55	0.65	0.74	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 456: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	0.80	0.84	0.87	0.90	0.92	0.93	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
9	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.35	0.77	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.42	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.56	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 457: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.42	0.50	0.53	0.57	0.69	0.79
5	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
7	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	0.80	0.84	0.87	0.90	0.92	0.93	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
9	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.35	0.77	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.42	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.56	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 458: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 459: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
5	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.65	0.69	0.73	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
9	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.37	0.48	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 460: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
	5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 461: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.21
	3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
	5	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.13	0.29	0.45	0.58	0.69	0.77	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 462: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 463: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.28	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.97**	**0.99**
7	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.36	0.55	0.69	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 464: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	**0.83**	**0.90**
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.81**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 465: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.35	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.68	0.71	**0.83**	**0.90**
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.77	**0.81**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.52	0.63	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.54	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 466: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 467: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.29	0.32	0.38	0.41	0.45	0.56	0.65
5	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.08	0.16	0.23	0.31	0.38	0.44	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 468: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.11	0.14	0.16
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.54	0.58	0.62	0.74	**0.83**
5	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.68	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
7	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 469: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.73	0.76	**0.87**	**0.93**
7	0.07	0.13	0.19	0.25	0.30	0.36	0.41	0.46	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.75	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
9	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.11	0.26	0.40	0.52	0.62	0.71	0.78	**0.84**	**0.88**	**0.91**	**0.94**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 470: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.24	0.26	0.32	0.34	0.37	0.47	0.55
5	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.69	0.74	0.77	**0.88**	**0.94**
7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.47	0.52	0.57	0.61	0.65	0.69	0.72	0.75	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
9	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 471: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.35	0.42	0.45	0.48	0.60	0.69
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.41	0.44	0.46	0.47	0.53	0.59	0.69	0.73	0.76	**0.87**	**0.93**
9	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.55	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.44	0.64	0.78	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 472: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	0.82	0.85	0.93	0.97
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	0.80	0.84	0.87	0.89	0.92	0.93	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
7	0.14	0.34	0.52	0.66	0.77	0.85	0.90	0.94	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.21	0.52	0.73	0.86	0.93	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.29	0.69	0.89	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.39	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 473: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.29	0.31	0.32	0.36	0.41	0.49	0.52	0.56	0.68	0.78
5	0.07	0.12	0.17	0.22	0.28	0.33	0.37	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	0.82	0.89	0.92	0.94	0.98	1.00
7	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.69	0.75	0.79	0.83	0.86	0.89	0.91	0.93	0.94	0.96	0.98	0.99	1.00	1.00	1.00	1.00
9	0.13	0.29	0.45	0.58	0.69	0.77	0.84	0.89	0.92	0.95	0.96	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.22	0.53	0.75	0.88	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.28	0.66	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.62	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 474: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.10	0.10	0.11	0.13	0.15
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
5	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.52	0.57	0.60	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
7	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 475: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.94**	**0.98**	**1.00**
9	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 476: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.05	0.09	0.12	0.15	0.18	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.45	0.48	0.49	0.55	0.61	0.71	0.75	0.78	0.89	0.94
5	0.09	0.17	0.26	0.35	0.43	0.50	0.57	0.63	0.68	0.73	0.77	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.61	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.52	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.61	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 477: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.11	0.13
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.26	0.27	0.28	0.32	0.35	0.43	0.46	0.49	0.61	0.71
5	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.37	0.41	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	0.84	0.87	0.90	0.96	0.99
7	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.67	0.72	0.76	0.80	0.83	0.86	0.88	0.89	0.93	0.96	0.99	0.99	0.99	1.00	1.00
9	0.11	0.26	0.39	0.51	0.62	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
11	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.29	0.69	0.89	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.35	0.78	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.62	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 478: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.25	0.26	0.28	0.29	0.33	0.36	0.44	0.47	0.51	0.63	0.72
5	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
9	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 479: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.36	0.44
5	0.05	0.08	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.64	0.77	**0.85**
7	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
9	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.42	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.72	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.41	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 480: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.59	0.69
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.29	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.72	0.76	**0.87**	**0.93**
9	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 481: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07
3	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.21	0.26	0.31
5	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.59	0.69
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.29	0.32	0.35	0.38	0.41	0.43	0.46	0.47	0.53	0.59	0.68	0.72	0.76	**0.87**	**0.93**
9	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
11	0.08	0.15	0.23	0.30	0.37	0.43	0.50	0.55	0.61	0.65	0.70	0.74	0.77	**0.80**	**0.83**	**0.84**	**0.89**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
13	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.70	0.75	**0.80**	**0.83**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.30	0.46	0.60	0.71	0.79	**0.85**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.20	0.50	0.71	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 482: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
	5	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.16	0.18	0.20	0.24	0.25	0.27	0.35	0.42
	7	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
	9	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
	11	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
	13	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
	15	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	17	0.09	0.18	0.27	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	19	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.11	0.25	0.38	0.49	0.60	0.68	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 483: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
	5	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.16	0.18	0.20	0.24	0.25	0.27	0.35	0.42
	7	0.04	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.44	0.48	0.59	0.69
	9	0.05	0.08	0.10	0.13	0.16	0.18	0.21	0.23	0.25	0.28	0.30	0.33	0.35	0.37	0.40	0.41	0.46	0.51	0.61	0.65	0.69	**0.81**	**0.88**
	11	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.36	0.39	0.42	0.46	0.49	0.52	0.55	0.56	0.63	0.68	0.78	**0.82**	**0.85**	**0.93**	**0.97**
	13	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
	15	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	17	0.09	0.18	0.27	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	19	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.11	0.25	0.38	0.49	0.60	0.68	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 484: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.67	0.71	**0.83**	**0.90**
7	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.72	0.77	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.23	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 485: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.10
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.42	0.50
5	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.43	0.49	0.54	0.63	0.67	0.71	**0.83**	**0.90**
7	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.62	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.72	0.77	**0.80**	**0.83**	**0.86**	**0.88**	**0.89**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.20	0.48	0.70	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.23	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 486: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
9	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
11	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 487: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
5	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.28	0.31	0.38	0.41	0.44	0.55	0.65
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
9	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
11	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 488: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
5	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
7	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
9	0.08	0.15	0.22	0.30	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.77	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 489: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
5	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
7	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
9	0.08	0.15	0.22	0.30	0.36	0.43	0.49	0.55	0.60	0.65	0.69	0.73	0.77	**0.80**	**0.82**	**0.84**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.10	0.21	0.31	0.41	0.50	0.59	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.17	0.42	0.62	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.32	0.73	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 490: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.21	0.24	0.27	0.33	0.35	0.38	0.48	0.57
	7	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
	9	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.49	0.52	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
	15	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.11	0.24	0.37	0.49	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.13	0.29	0.44	0.57	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.21	0.52	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 491: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.21	0.24	0.27	0.33	0.35	0.38	0.48	0.57
	7	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
	9	0.06	0.10	0.14	0.17	0.21	0.25	0.28	0.32	0.35	0.39	0.42	0.45	0.49	0.52	0.54	0.56	0.62	0.68	0.78	**0.81**	**0.85**	**0.93**	**0.97**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
	15	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.11	0.24	0.37	0.49	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.13	0.29	0.44	0.57	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.14	0.34	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.21	0.52	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 492: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
5	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.56	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 493: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
5	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.56	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 494: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 495: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 496: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 497: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 498: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
5	0.14	0.34	0.51	0.65	0.76	0.84	0.89	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 499: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
5	0.14	0.34	0.51	0.65	0.76	0.84	0.89	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 500: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 501: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 502: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 503: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 504: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
3	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 505: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
3	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.92**	**0.98**	**0.99**
5	0.11	0.24	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 506: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.53	0.57	0.61	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
5	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 507: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.12	0.13	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.38	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
5	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 508: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 509: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 510: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
3	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	0.81	0.85	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
5	0.17	0.40	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 511: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
3	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	0.85	0.88	0.90	0.96	0.99
5	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.82	0.86	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.24	0.59	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.45	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.56	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.66	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 512: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
3	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.22	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 513: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.40
3	0.07	0.14	0.21	0.27	0.33	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
5	0.13	0.31	0.48	0.62	0.72	0.81	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.22	0.54	0.76	0.88	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.33	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 514: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 515: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
5	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 516: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.24	0.27	0.33	0.35	0.38	0.48	0.57
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 517: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.24	0.27	0.33	0.35	0.38	0.48	0.57
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.89**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 518: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
3	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
5	0.12	0.28	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.20	0.48	0.69	0.83	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.29	0.69	0.89	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 519: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.17	0.20	0.21	0.23	0.29	0.35
3	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
5	0.12	0.28	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.20	0.48	0.69	0.83	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.29	0.69	0.89	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 520: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
3	0.13	0.29	0.44	0.57	0.68	0.77	0.83	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 521: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
3	0.13	0.29	0.44	0.57	0.68	0.77	0.83	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 522: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
3	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 523: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
3	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 524: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.46	0.50	0.62	0.71
3	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 525: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.46	0.50	0.62	0.71
3	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.24	0.59	**0.80**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 526: Power Table for γ_{000} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
3	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 527: Power Table for γ_{100} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
3	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 528: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 529: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 530: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.62	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.79	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 531: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.62	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.79	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 532: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
	3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.81	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
	5	0.21	0.51	0.72	0.85	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 533: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
	3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.81	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
	5	0.21	0.51	0.72	0.85	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 534: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 535: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 536: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 537: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 538: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	0.85	0.89	0.94	0.96	0.97	0.99	1.00
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.33	0.74	0.92	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 539: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	0.85	0.89	0.94	0.96	0.97	0.99	1.00
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.33	0.74	0.92	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 540: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
3	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 541: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
3	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	**0.81**	**0.85**	**0.87**	**0.90**	**0.92**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.18	0.43	0.64	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 542: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.53	0.57	0.61	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
5	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 543: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.53	0.57	0.61	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
5	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 544: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 545: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 546: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
3	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 547: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
3	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.17	0.40	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 548: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
3	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 549: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
3	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 550: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 551: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 552: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.59	0.62	0.65	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 553: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.59	0.62	0.65	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 554: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$	n=1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
5	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.12	0.27	0.41	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 555: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$	n=1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
5	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.12	0.27	0.41	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 556: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 557: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 558: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 559: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 560: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
5	0.14	0.34	0.51	0.65	0.76	0.84	0.89	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 561: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
5	0.14	0.34	0.51	0.65	0.76	0.84	0.89	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 562: Power Table for γ_{010} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 563: Power Table for γ_{001} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.92**	**0.93**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.37	0.55	0.70	**0.80**	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 564: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
5	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.56	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 565: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
5	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.56	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 566: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 567: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.36	0.79	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 568: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.81	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.21	0.51	0.72	0.85	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 569: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.81	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.21	0.51	0.72	0.85	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.54	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 570: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 571: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 572: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 573: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 574: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 575: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 576: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
	3	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.92**	**0.98**	**0.99**
	5	0.11	0.24	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 577: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
	3	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	**0.87**	**0.90**	**0.92**	**0.98**	**0.99**
	5	0.11	0.24	0.37	0.49	0.59	0.68	0.75	**0.81**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 578: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.12	0.13	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.38	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
5	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 579: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.12	0.13	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.38	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
5	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 580: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 581: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 582: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
3	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
5	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.45	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.66	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 583: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
3	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
5	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.82**	**0.86**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.45	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.66	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 584: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.40
3	0.07	0.14	0.21	0.27	0.33	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 585: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.40
3	0.07	0.14	0.21	0.27	0.33	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 586: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
	3	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
	5	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 587: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
	3	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
	5	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 588: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.59	0.62	0.65	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 589: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.42	0.46	0.51	0.55	0.59	0.62	0.65	0.69	0.70	0.77	**0.82**	**0.89**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 590: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
5	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.12	0.27	0.41	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 591: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
5	0.08	0.16	0.24	0.31	0.39	0.46	0.52	0.58	0.63	0.68	0.72	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.12	0.27	0.41	0.54	0.65	0.74	**0.80**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 592: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 593: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 594: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.62	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.79	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 595: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.62	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.79	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 596: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 597: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 598: Power Table for γ_{110} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ (rows), n (columns)

	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	0.81	0.84	0.87	0.95	0.98
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	0.83	0.86	0.89	0.92	0.93	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
7	0.15	0.37	0.55	0.70	0.80	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.22	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.31	0.72	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.52	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.62	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 599: Power Table for γ_{101} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ (rows), n (columns)

	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	0.81	0.84	0.87	0.95	0.98
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.74	0.79	0.83	0.86	0.89	0.92	0.93	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
7	0.15	0.37	0.55	0.70	0.80	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.22	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.31	0.72	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.52	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.62	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 600: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 601: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.08	0.17	0.25	0.33	0.40	0.48	0.54	0.60	0.66	0.70	0.75	0.78	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 602: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.62	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.79	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 603: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
5	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.42	0.62	0.76	0.86	0.92	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.62	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.79	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 604: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 605: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.63
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.54	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 606: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
5	0.14	0.34	0.51	0.65	0.76	0.84	0.89	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 607: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.36	0.43
3	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
5	0.14	0.34	0.51	0.65	0.76	0.84	0.89	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 608: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 609: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.25	0.28	0.33	0.36	0.39	0.49	0.58
3	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 610: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	0.85	0.89	0.94	0.96	0.97	0.99	1.00
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.33	0.74	0.92	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 611: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.18	0.22	0.24	0.25	0.32	0.39
3	0.07	0.14	0.20	0.26	0.33	0.39	0.44	0.50	0.55	0.59	0.63	0.67	0.71	0.74	0.77	0.79	0.85	0.89	0.94	0.96	0.97	0.99	1.00
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.33	0.74	0.92	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 612: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.23	0.26	0.31	0.34	0.36	0.46	0.54
3	0.09	0.19	0.28	0.38	0.46	0.54	0.61	0.67	0.73	0.77	0.81	0.85	0.87	0.90	0.92	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00
5	0.18	0.43	0.64	0.78	0.87	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.30	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.46	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.62	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 613: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.12	0.14	0.15	0.18	0.19	0.20	0.26	0.31
3	0.06	0.12	0.16	0.21	0.26	0.31	0.35	0.40	0.44	0.48	0.52	0.56	0.59	0.63	0.66	0.67	0.74	0.79	0.87	0.90	0.92	0.98	0.99
5	0.11	0.24	0.37	0.49	0.59	0.68	0.75	0.81	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.17	0.43	0.63	0.77	0.87	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.36	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 614: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.07	0.12	0.18	0.23	0.29	0.34	0.39	0.44	0.48	0.53	0.57	0.61	0.64	0.67	0.71	0.72	0.78	**0.84**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
5	0.12	0.27	0.41	0.53	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.29	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 615: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 4\sigma_e^2), r \sim N(0, 2\sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.12	0.13	0.13	0.16	0.19
3	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.25	0.27	0.30	0.32	0.35	0.38	0.40	0.42	0.44	0.49	0.55	0.64	0.68	0.72	**0.84**	**0.91**
5	0.08	0.16	0.23	0.30	0.38	0.44	0.51	0.56	0.62	0.66	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.12	0.26	0.40	0.53	0.63	0.72	0.79	**0.84**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.40	0.60	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 616: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.27	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
3	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 617: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 618: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.31	0.34	0.43	0.51
3	0.09	0.18	0.26	0.35	0.43	0.51	0.57	0.63	0.69	0.74	0.78	0.81	0.85	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
5	0.17	0.40	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 619: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
3	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	0.85	0.88	0.90	0.96	0.99
5	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.82	0.86	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.24	0.59	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.45	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.56	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.66	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 620: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.30	0.33	0.40	0.43	0.46	0.58	0.67
3	0.11	0.24	0.37	0.48	0.58	0.67	0.74	0.80	0.85	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.22	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 621: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.40
3	0.07	0.14	0.21	0.27	0.33	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
5	0.13	0.31	0.48	0.62	0.72	0.81	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.22	0.54	0.76	0.88	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.33	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 622: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 623: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.06	0.10	0.14	0.18	0.22	0.25	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.53	0.56	0.57	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.97**
5	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 624: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	0.82	0.89
5	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
7	0.11	0.25	0.39	0.51	0.61	0.70	0.77	0.83	0.87	0.90	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
9	0.16	0.38	0.58	0.72	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.22	0.53	0.75	0.88	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.61	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 625: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	0.82	0.89
5	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	0.82	0.83	0.89	0.92	0.97	0.98	0.99	1.00	1.00
7	0.11	0.25	0.39	0.51	0.61	0.70	0.77	0.83	0.87	0.90	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
9	0.16	0.38	0.58	0.72	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.22	0.53	0.75	0.88	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.61	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 626: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.54	0.56	0.58	0.64	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
7	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.54	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 627: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,4\sigma_e^2), r \sim N(0,2\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.54	0.56	0.58	0.64	0.70	**0.80**	**0.83**	**0.86**	**0.94**	**0.98**
7	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.72	0.75	0.79	**0.82**	**0.84**	**0.86**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.54	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 628: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
5	0.10	0.21	0.33	0.43	0.53	0.61	0.68	0.74	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 629: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.49	0.53	0.56	0.59	0.60	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
5	0.10	0.21	0.33	0.43	0.53	0.61	0.68	0.74	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.16	0.37	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 630: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	0.87
5	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
7	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	0.84	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.20	0.50	0.71	0.85	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 631: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.58	0.62	0.66	0.78	0.87
5	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
7	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	0.84	0.88	0.91	0.93	0.95	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.20	0.50	0.71	0.85	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.26	0.63	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.34	0.76	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 632: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.86**	**0.88**	**0.91**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 633: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.86**	**0.88**	**0.91**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.37	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 634: Power Table for γ_{011} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
5	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
7	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 635: Power Table for γ_{111} Predictor Distributions $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
5	0.07	0.13	0.18	0.24	0.29	0.35	0.40	0.45	0.50	0.54	0.58	0.62	0.66	0.69	0.72	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
7	0.10	0.21	0.32	0.42	0.51	0.59	0.66	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.13	0.31	0.48	0.61	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.57	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Appendix B.4 Level-4 Power Tables

Table 636: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 637: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 638: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 639: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 640: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
	5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
	7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 641: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
	5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
	7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 642: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 643: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 644: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 645: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 646: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$ 1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 647: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$ 1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 648: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 649: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 650: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 651: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 652: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 653: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 654: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 655: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 656: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	0.82	0.91	0.96
7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	0.80	0.84	0.87	0.89	0.91	0.92	0.95	0.97	0.99	1.00	1.00	1.00	1.00
9	0.14	0.34	0.52	0.66	0.77	0.84	0.90	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.23	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.34	0.77	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 657: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	0.83	0.86	0.89	0.91	0.93	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00
11	0.13	0.32	0.48	0.62	0.73	0.81	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.19	0.48	0.69	0.83	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.62	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 658: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 659: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 660: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	7	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	9	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 661: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.34	0.39	0.43	0.52	0.56	0.59	0.72	**0.81**
	7	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	9	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.22	0.54	0.76	**0.88**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 662: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
9	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
11	0.10	0.20	0.31	0.41	0.50	0.58	0.66	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 663: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
9	0.07	0.13	0.19	0.25	0.31	0.36	0.42	0.47	0.52	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.87**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
11	0.10	0.20	0.31	0.41	0.50	0.58	0.66	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 664: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
5	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.44	0.48	0.52	0.55	0.59	0.62	0.65	0.67	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
7	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.65	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 665: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.32	0.35	0.44	0.53
5	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.44	0.48	0.52	0.55	0.59	0.62	0.65	0.67	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
7	0.11	0.24	0.37	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.45	0.65	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 666: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	5	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	7	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
	9	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 667: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	5	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	7	0.07	0.14	0.21	0.27	0.34	0.40	0.46	0.51	0.56	0.61	0.65	0.69	0.73	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
	9	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.25	0.61	**0.83**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 668: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
5	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
7	0.10	0.21	0.33	0.43	0.52	0.61	0.68	0.74	0.79	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 669: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.22	0.27	0.29	0.31	0.39	0.47
5	0.06	0.10	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.46	0.50	0.53	0.56	0.59	0.61	0.67	0.73	**0.82**	**0.85**	**0.88**	**0.95**	**0.98**
7	0.10	0.21	0.33	0.43	0.52	0.61	0.68	0.74	0.79	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 670: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**
7	0.07	0.13	0.19	0.24	0.30	0.35	0.41	0.46	0.50	0.55	0.59	0.63	0.67	0.70	0.73	0.74	**0.81**	**0.86**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
9	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 671: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.45	0.53	0.57	0.61	0.73	**0.82**
7	0.07	0.13	0.19	0.24	0.30	0.35	0.41	0.46	0.50	0.55	0.59	0.63	0.67	0.70	0.73	0.74	**0.81**	**0.86**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
9	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 672: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	0.81	0.85	0.88	0.95	0.98
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	0.80	0.84	0.86	0.89	0.90	0.93	0.96	0.99	0.99	1.00	1.00	1.00
11	0.12	0.28	0.43	0.56	0.66	0.75	0.82	0.87	0.91	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.17	0.42	0.63	0.77	0.86	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.24	0.59	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 673: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	0.81	0.85	0.88	0.95	0.98
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	0.80	0.84	0.86	0.89	0.90	0.93	0.96	0.99	0.99	1.00	1.00	1.00
11	0.12	0.28	0.43	0.56	0.66	0.75	0.82	0.87	0.91	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.17	0.42	0.63	0.77	0.86	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.24	0.59	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 674: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 675: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 676: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 677: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 678: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 679: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 680: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	0.82	0.89
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	0.82	0.83	0.88	0.92	0.96	0.98	0.98	1.00	1.00
	9	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.18	0.44	0.65	0.79	0.88	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.52	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 681: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	0.82	0.89
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	0.82	0.83	0.88	0.92	0.96	0.98	0.98	1.00	1.00
	9	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.18	0.44	0.65	0.79	0.88	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.52	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 682: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 683: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 684: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 685: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 686: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 687: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 688: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
9	0.16	0.38	0.56	0.71	0.81	0.88	0.93	0.96	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 689: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
9	0.16	0.38	0.56	0.71	0.81	0.88	0.93	0.96	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 690: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 691: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 692: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 693: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 694: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 695: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 696: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
9	0.07	0.13	0.19	0.25	0.31	0.36	0.41	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
11	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.24	0.59	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 697: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
9	0.07	0.13	0.19	0.25	0.31	0.36	0.41	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
11	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.24	0.59	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 698: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 699: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 700: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
5	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	0.87
7	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
9	0.11	0.25	0.38	0.51	0.61	0.70	0.77	0.82	0.87	0.90	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
11	0.17	0.41	0.62	0.76	0.86	0.92	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.25	0.61	0.82	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 701: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
5	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	0.87
7	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	0.80	0.86	0.90	0.95	0.97	0.98	1.00	1.00
9	0.11	0.25	0.38	0.51	0.61	0.70	0.77	0.82	0.87	0.90	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
11	0.17	0.41	0.62	0.76	0.86	0.92	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.25	0.61	0.82	0.93	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.36	0.79	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 702: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
	7	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
	9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.21	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 703: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
	7	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	**0.80**	**0.90**	**0.95**
	9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.21	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 704: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	0.82
7	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
9	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	0.82	0.86	0.89	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00
11	0.15	0.37	0.56	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.23	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.32	0.74	0.92	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 705: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	0.82
7	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
9	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	0.82	0.86	0.89	0.91	0.93	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00
11	0.15	0.37	0.56	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.23	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.32	0.74	0.92	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 706: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
9	0.07	0.13	0.19	0.26	0.31	0.37	0.43	0.48	0.53	0.57	0.62	0.66	0.69	0.72	0.75	0.77	**0.83**	**0.88**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 707: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
9	0.07	0.13	0.19	0.26	0.31	0.37	0.43	0.48	0.53	0.57	0.62	0.66	0.69	0.72	0.75	0.77	**0.83**	**0.88**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 708: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 709: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 710: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
	5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 711: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
	5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 712: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 713: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 714: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 715: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 716: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
g = h	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 717: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
g = h	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 718: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 719: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 720: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 721: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 722: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

												n												
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 723: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

												n												
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
	5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
	7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
	9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
	11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 724: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
9	0.16	0.38	0.56	0.71	0.81	0.88	0.93	0.96	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 725: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
11	0.15	0.35	0.53	0.67	0.78	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.21	0.52	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 726: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 727: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 728: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 729: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 730: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 731: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
	7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
	9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
	11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 732: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
	9	0.07	0.13	0.19	0.25	0.31	0.36	0.41	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	11	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.24	0.59	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 733: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
	9	0.07	0.13	0.19	0.25	0.31	0.36	0.41	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
	11	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.24	0.59	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 734: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 735: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 736: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
5	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
7	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 737: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
5	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
7	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 738: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
7	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	0.80	0.90	0.95
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	0.81	0.82	0.88	0.92	0.96	0.97	0.98	1.00	1.00
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	0.84	0.88	0.91	0.93	0.95	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
13	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.21	0.50	0.72	0.85	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.28	0.66	0.87	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 739: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
7	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	0.80	0.90	0.95
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	0.81	0.82	0.88	0.92	0.96	0.97	0.98	1.00	1.00
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	0.84	0.88	0.91	0.93	0.95	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
13	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.21	0.50	0.72	0.85	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.28	0.66	0.87	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 740: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
	5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
	7	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	9	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 741: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
	5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
	7	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	9	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 742: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
	9	0.07	0.13	0.19	0.26	0.31	0.37	0.43	0.48	0.53	0.57	0.62	0.66	0.69	0.72	0.75	0.77	**0.83**	**0.88**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
	11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 743: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
	9	0.07	0.13	0.19	0.26	0.31	0.37	0.43	0.48	0.53	0.57	0.62	0.66	0.69	0.72	0.75	0.77	**0.83**	**0.88**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
	11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 744: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 745: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 746: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 747: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 748: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 749: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 750: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 751: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 752: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 753: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 754: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
	7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
	9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 755: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
	7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
	9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 756: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 757: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 758: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 759: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 760: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
	9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
	11	0.15	0.35	0.53	0.67	0.78	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.21	0.52	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 761: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
	9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
	11	0.15	0.35	0.53	0.67	0.78	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.21	0.52	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 762: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 763: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 764: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 765: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 766: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
	7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
	9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
	11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 767: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
	7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
	9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
	11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 768: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
9	0.07	0.13	0.19	0.25	0.31	0.36	0.41	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
11	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.24	0.59	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 769: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.15
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.22	0.24	0.29	0.32	0.34	0.43	0.52
7	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
9	0.07	0.13	0.19	0.25	0.31	0.36	0.41	0.47	0.51	0.56	0.60	0.64	0.68	0.71	0.74	0.76	**0.82**	**0.86**	**0.93**	**0.95**	**0.96**	**0.99**	**1.00**
11	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.47	0.60	0.71	**0.80**	**0.86**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.24	0.59	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 770: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 771: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.21	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.87**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.39	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.91**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 772: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
5	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
7	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 773: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
5	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.39	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
7	0.07	0.14	0.21	0.27	0.34	0.40	0.45	0.51	0.56	0.61	0.65	0.69	0.72	0.76	0.79	**0.80**	**0.86**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
9	0.11	0.25	0.38	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.17	0.41	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 774: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
7	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	0.80	0.90	0.95
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	0.81	0.82	0.88	0.92	0.96	0.97	0.98	1.00	1.00
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	0.84	0.88	0.91	0.93	0.95	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
13	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.21	0.50	0.72	0.85	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.28	0.66	0.87	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 775: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.22	0.25	0.28	0.34	0.37	0.40	0.50	0.59
7	0.06	0.09	0.13	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.51	0.57	0.63	0.73	0.77	0.80	0.90	0.95
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.59	0.63	0.68	0.72	0.75	0.78	0.81	0.82	0.88	0.92	0.96	0.97	0.98	1.00	1.00
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	0.84	0.88	0.91	0.93	0.95	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
13	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.21	0.50	0.72	0.85	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.28	0.66	0.87	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 776: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

											n												
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
7	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
9	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 777: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

											n												
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.22	0.27
5	0.05	0.07	0.09	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.40	0.44	0.53	0.57	0.61	0.73	**0.82**
7	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
9	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 778: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
	9	0.07	0.13	0.19	0.26	0.31	0.37	0.43	0.48	0.53	0.57	0.62	0.66	0.69	0.72	0.75	0.77	**0.83**	**0.88**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
	11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 779: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.23	0.25	0.30	0.33	0.35	0.45	0.53
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.46	0.51	0.57	0.67	0.71	0.74	**0.86**	**0.92**
	9	0.07	0.13	0.19	0.26	0.31	0.37	0.43	0.48	0.53	0.57	0.62	0.66	0.69	0.72	0.75	0.77	**0.83**	**0.88**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**
	11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 780: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 781: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 782: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
	5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 783: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
	3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
	5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
	9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
	11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 784: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 785: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 786: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
	11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.32	0.73	0.91	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 787: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
	11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.32	0.73	0.91	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 788: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 789: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 790: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 791: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 792: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
	5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
	7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
	9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 793: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
	5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
	7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
	9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 794: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 795: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 796: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
	3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 797: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
	3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
	5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 798: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 799: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 800: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
	7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 801: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
	7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 802: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 803: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 804: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 805: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 806: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 807: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 808: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 809: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 810: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 811: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 812: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 813: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 814: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 815: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 816: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 817: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 818: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 819: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 820: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
	5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
	7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 821: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
	5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
	7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
	9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 822: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 823: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 824: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 825: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 826: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 827: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 828: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 829: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 830: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	0.81	0.89
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	0.83	0.90	0.93	0.95	0.99	1.00
11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	0.82	0.85	0.88	0.90	0.92	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00
13	0.12	0.28	0.43	0.56	0.67	0.76	0.82	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.17	0.41	0.60	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.22	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.29	0.69	0.89	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 831: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	0.83	0.90
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	0.80	0.88	0.91	0.93	0.98	0.99
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	0.81	0.84	0.86	0.87	0.92	0.95	0.98	0.99	0.99	1.00	1.00
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	0.83	0.87	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
17	0.13	0.31	0.48	0.61	0.72	0.80	0.86	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.17	0.41	0.61	0.76	0.85	0.91	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.21	0.52	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.27	0.64	0.85	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 832: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 833: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 834: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 835: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 836: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
	3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
	5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
	7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 837: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
	5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
	7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
	9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 838: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 839: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 840: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 841: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 842: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 843: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 844: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 845: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 846: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 847: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 848: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 849: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 850: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 851: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 852: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 853: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 854: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 855: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 856: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 857: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 858: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 859: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
	7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
	9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 860: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 861: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 862: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	0.80	0.83	0.92	0.96
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	0.81	0.84	0.85	0.90	0.94	0.97	0.98	0.99	1.00	1.00
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	0.82	0.86	0.90	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.22	0.53	0.75	0.88	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.61	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 863: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	0.80	0.83	0.92	0.96
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	0.81	0.84	0.85	0.90	0.94	0.97	0.98	0.99	1.00	1.00
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	0.82	0.86	0.90	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
13	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.22	0.53	0.75	0.88	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.50	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.61	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.72	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 864: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$: 1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 865: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$: 1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 866: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 867: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 868: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 869: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 870: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
	5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
	7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
	9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 871: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																					
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
	5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
	7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
	9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
	11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 872: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 873: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 874: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 875: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 876: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 877: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 878: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
g = h	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
	5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
	7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
	9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
	11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
	13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
	15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 879: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
g = h	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
	5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
	7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
	9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
	11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
	13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
	15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 880: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 881: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 882: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 883: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 884: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 885: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 886: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 887: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
	7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
	9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
	11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 888: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 889: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
	5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
	7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
	9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 890: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 891: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 892: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 893: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 894: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.32	0.73	0.91	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 895: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.32	0.73	0.91	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 896: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 897: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 898: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 899: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 900: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 901: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 902: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 903: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 904: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.38	0.56	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 905: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 906: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	**0.80**
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 907: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 908: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	0.82	0.91	0.96
7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	0.80	0.84	0.87	0.89	0.91	0.92	0.95	0.97	0.99	1.00	1.00	1.00	1.00
9	0.14	0.34	0.52	0.66	0.77	0.84	0.90	0.93	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.23	0.55	0.77	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.34	0.77	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 909: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	0.87	0.90	0.92	0.97	0.99
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	0.83	0.86	0.89	0.91	0.93	0.93	0.96	0.98	0.99	1.00	1.00	1.00	1.00
11	0.13	0.32	0.48	0.62	0.73	0.81	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.19	0.48	0.69	0.83	0.91	0.95	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.62	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 910: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 911: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 912: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.43	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 913: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.43	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 914: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
5	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.26	0.33	0.40
11	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.24	0.28	0.31	0.37	0.40	0.43	0.54	0.64
13	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.63	0.76	**0.84**
15	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
17	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
19	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.43	0.55	0.66	0.75	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 915: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
5	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
7	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
9	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.26	0.33	0.40
11	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.24	0.28	0.31	0.37	0.40	0.43	0.54	0.64
13	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.63	0.76	**0.84**
15	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
17	0.06	0.12	0.17	0.22	0.27	0.31	0.36	0.41	0.45	0.49	0.53	0.57	0.60	0.64	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
19	0.08	0.15	0.22	0.28	0.35	0.41	0.47	0.53	0.58	0.63	0.67	0.71	0.75	0.78	**0.81**	**0.82**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
21	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
23	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.12	0.28	0.43	0.55	0.66	0.75	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.17	0.40	0.60	0.75	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.18	0.44	0.64	0.79	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 916: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.47	0.51	0.63	0.72
9	0.06	0.09	0.13	0.17	0.20	0.23	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.65	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.68	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.72	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 917: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.47	0.51	0.63	0.72
9	0.06	0.09	0.13	0.17	0.20	0.23	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.65	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.59	0.64	0.68	0.71	0.74	0.77	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.30	0.40	0.49	0.57	0.65	0.71	0.76	**0.81**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.72	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 918: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.12	0.13	0.13	0.16	0.19
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
9	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.30	0.35	0.39	0.46	0.50	0.53	0.66	0.75
11	0.05	0.09	0.12	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.50	0.56	0.62	0.71	0.75	0.79	**0.89**	**0.95**
13	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.59	0.63	0.66	0.69	0.71	0.77	**0.83**	**0.90**	**0.93**	**0.94**	**0.98**	**1.00**
15	0.08	0.16	0.25	0.32	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.54	0.62	0.70	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.29	0.44	0.57	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 919: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
5	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.12	0.13	0.13	0.16	0.19
7	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.44
9	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.30	0.30	0.35	0.39	0.46	0.50	0.53	0.66	0.75
11	0.05	0.09	0.12	0.15	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.50	0.56	0.62	0.71	0.75	0.79	**0.89**	**0.95**
13	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.59	0.63	0.66	0.69	0.71	0.77	**0.83**	**0.90**	**0.93**	**0.94**	**0.98**	**1.00**
15	0.08	0.16	0.25	0.32	0.40	0.47	0.54	0.60	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
17	0.10	0.22	0.33	0.44	0.54	0.62	0.70	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.13	0.29	0.44	0.57	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.15	0.37	0.56	0.70	**0.81**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.19	0.46	0.67	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 920: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.45	0.57	0.66
9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
11	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 921: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.45	0.57	0.66
9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.44	0.46	0.48	0.54	0.59	0.69	0.73	0.77	**0.87**	**0.93**
11	0.07	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.53	0.58	0.61	0.65	0.68	0.71	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 922: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
9	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.59	0.69
11	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
13	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.71	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
15	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.75	0.79	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.70	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.41	0.61	0.76	**0.85**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 923: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
7	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.17	0.19	0.22	0.24	0.26	0.33	0.39
9	0.04	0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.31	0.34	0.41	0.45	0.48	0.59	0.69
11	0.05	0.08	0.11	0.14	0.17	0.20	0.22	0.25	0.28	0.30	0.33	0.36	0.38	0.41	0.43	0.44	0.50	0.56	0.65	0.69	0.73	**0.84**	**0.91**
13	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.54	0.57	0.60	0.63	0.65	0.71	0.77	**0.86**	**0.89**	**0.91**	**0.97**	**0.99**
15	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.75	0.79	**0.81**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
17	0.09	0.20	0.30	0.39	0.48	0.56	0.63	0.70	0.75	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.26	0.39	0.51	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.33	0.50	0.64	0.75	**0.83**	**0.89**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.41	0.61	0.76	**0.85**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.21	0.51	0.72	**0.85**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 924: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 925: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 926: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 927: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 928: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 929: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 930: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
	3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
	5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 931: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
	3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
	5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 932: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	0.85	0.89	0.91	0.97	0.99
5	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 933: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	0.85	0.89	0.91	0.97	0.99
5	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 934: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	0.87
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	0.83	0.86	0.89	0.91	0.93	0.95	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00
7	0.20	0.48	0.69	0.83	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 935: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	0.87
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	0.83	0.86	0.89	0.91	0.93	0.95	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00
7	0.20	0.48	0.69	0.83	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.36	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.58	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 936: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 937: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
5	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 938: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 939: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.38	0.46
5	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
7	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 940: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 941: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	0.81	0.91	0.96
5	0.12	0.28	0.42	0.55	0.66	0.75	0.81	0.87	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.26	0.62	0.83	0.93	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 942: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	0.80	0.83	0.92	0.97
5	0.13	0.29	0.44	0.58	0.68	0.77	0.83	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.65	0.85	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 943: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
3	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
5	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.93	0.95	0.98	0.99	0.99	1.00	1.00
7	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 944: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	0.83	0.88	0.94	0.96	0.97	0.99	1.00
5	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 945: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	0.88	0.94
5	0.11	0.25	0.39	0.51	0.61	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.79	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 946: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 947: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 948: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.50	0.53	0.55	0.57	0.63	0.69	0.79	**0.82**	**0.85**	**0.94**	**0.97**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 949: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.50	0.53	0.55	0.57	0.63	0.69	0.79	**0.82**	**0.85**	**0.94**	**0.97**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 950: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
5	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 951: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
5	0.09	0.18	0.27	0.35	0.43	0.51	0.58	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 952: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
3	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 953: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
3	0.09	0.17	0.26	0.34	0.42	0.50	0.56	0.63	0.68	0.73	0.77	**0.81**	**0.84**	**0.86**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 954: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
5	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 955: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
5	0.15	0.35	0.53	0.67	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 956: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
3	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.22	0.54	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 957: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
3	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.79	**0.82**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.22	0.54	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 958: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
5	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 959: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.33	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.58	0.65	0.71	**0.80**	**0.84**	**0.87**	**0.94**	**0.98**
5	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.29	0.69	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 960: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	0.84	0.91
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 961: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	0.84	0.91
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 962: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 963: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 964: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 965: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 966: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 967: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 968: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	0.85	0.89	0.91	0.97	0.99
5	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 969: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	0.85	0.89	0.91	0.97	0.99
5	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 970: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
	3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 971: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
	3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 972: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 973: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 974: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 975: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 976: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 977: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 978: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.65	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 979: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.65	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 980: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 981: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
5	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 982: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	0.89	0.95
	5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.25	0.60	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.46	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 983: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	0.89	0.95
	5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.25	0.60	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.46	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 984: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 985: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 986: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.71	0.76	0.85	0.88	0.91	0.97	0.99
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	0.82	0.86	0.89	0.92	0.94	0.95	0.96	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.17	0.42	0.63	0.77	0.86	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 987: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.71	0.76	0.85	0.88	0.91	0.97	0.99
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	0.82	0.86	0.89	0.92	0.94	0.95	0.96	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
9	0.17	0.42	0.63	0.77	0.86	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.28	0.67	0.87	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.59	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 988: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
3	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
5	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 989: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
3	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
5	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 990: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 991: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 992: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.53	0.55	0.57	0.63	0.69	0.79	**0.82**	**0.85**	**0.94**	**0.97**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 993: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.53	0.55	0.57	0.63	0.69	0.79	**0.82**	**0.85**	**0.94**	**0.97**
5	0.13	0.31	0.47	0.60	0.71	0.79	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.53	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 994: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
5	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 995: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
5	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 996: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	0.84	0.91
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 997: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	0.84	0.91
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 998: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 999: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1000: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
	3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1001: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
	3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1002: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1003: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1004: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1005: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1006: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
	3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1007: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
	3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1008: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
	3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
	5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1009: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	3	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
	5	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.76	**0.80**	**0.83**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1010: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1011: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.38	0.46
5	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
7	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1012: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
	5	0.20	0.49	0.71	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1013: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
	3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	0.81	0.91	0.96
	5	0.12	0.28	0.42	0.55	0.66	0.75	0.81	0.87	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.26	0.62	0.83	0.93	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1014: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.65	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1015: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
3	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
5	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1016: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	0.83	0.88	0.94	0.96	0.97	0.99	1.00
5	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1017: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	0.88	0.94
5	0.11	0.25	0.39	0.51	0.61	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
7	0.24	0.58	0.79	0.91	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.44	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1018: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	0.89	0.95
	5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.25	0.60	0.81	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.46	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1019: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07
	3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
	5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	0.81	0.83	0.85	0.90	0.93	0.97	0.98	0.99	1.00	1.00
	7	0.14	0.35	0.52	0.66	0.77	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.26	0.62	0.84	0.94	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1020: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1021: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1022: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1023: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1024: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
3	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
5	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1025: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
3	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
5	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1026: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1027: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1028: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.53	0.55	0.57	0.63	0.69	0.79	0.82	0.85	0.94	0.97
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.53	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1029: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.53	0.55	0.57	0.63	0.69	0.79	0.82	0.85	0.94	0.97
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.53	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1030: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
5	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1031: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
5	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1032: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
	3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
	5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1033: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
	3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
	5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1034: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1035: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	0.80	0.85	0.90	0.95	0.97	0.98	1.00	1.00
7	0.13	0.31	0.47	0.61	0.72	0.80	0.86	0.90	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1036: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1037: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1038: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
	3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
	5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1039: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
	3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
	5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1040: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1041: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1042: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1043: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1044: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
5	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.76	0.80	0.83	0.85	0.86	0.91	0.94	0.98	0.99	0.99	1.00	1.00
7	0.15	0.36	0.54	0.69	0.79	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1045: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
5	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.76	0.80	0.83	0.85	0.86	0.91	0.94	0.98	0.99	0.99	1.00	1.00
7	0.15	0.36	0.54	0.69	0.79	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1046: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.38	0.46
5	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
7	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1047: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.38	0.46
5	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
7	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1048: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1049: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1050: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
3	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
5	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1051: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
3	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
5	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1052: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	**0.88**	**0.94**
5	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1053: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	**0.88**	**0.94**
5	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.24	0.58	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1054: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1055: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1056: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1057: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.50	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.78	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1058: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1059: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.28	0.31	0.33	0.42	0.50
5	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.53	0.56	0.59	0.62	0.64	0.71	0.76	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.10	0.23	0.35	0.46	0.56	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1060: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
3	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
5	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1061: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
3	0.06	0.11	0.15	0.20	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.63	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
5	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1062: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1063: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.43	0.47	0.56	0.60	0.64	0.76	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.34	0.77	**0.94**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1064: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.53	0.55	0.57	0.63	0.69	0.79	0.82	0.85	0.94	0.97
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.53	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1065: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.10	0.11
3	0.06	0.10	0.14	0.18	0.21	0.25	0.29	0.33	0.36	0.40	0.43	0.46	0.49	0.53	0.55	0.57	0.63	0.69	0.79	0.82	0.85	0.94	0.97
5	0.13	0.31	0.47	0.60	0.71	0.79	0.86	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.28	0.67	0.87	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.53	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1066: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
5	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1067: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.33	0.38	0.42	0.51	0.55	0.58	0.71	**0.80**
5	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.65	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1068: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1069: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1070: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1071: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1072: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1073: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1074: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1075: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1076: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	0.85	0.89	0.91	0.97	0.99
5	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1077: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	0.85	0.89	0.91	0.97	0.99
5	0.15	0.36	0.54	0.68	0.79	0.86	0.91	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.33	0.75	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1078: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1079: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1080: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1081: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1082: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1083: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
	5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
	7	0.15	0.37	0.56	0.70	**0.80**	**0.88**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1084: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1085: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1086: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.65	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1087: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.65	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1088: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	5	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1089: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	5	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1090: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
	5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1091: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
	3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
	5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1092: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.50
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1093: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.50
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1094: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.16	0.18	0.19	0.24	0.28
5	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
7	0.07	0.14	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
9	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1095: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.16	0.18	0.19	0.24	0.28
5	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
7	0.07	0.14	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
9	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1096: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
	3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
	5	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1097: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
	3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
	5	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1098: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g = h \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.38	0.47	0.56
5	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1099: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

g = h \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.38	0.47	0.56
5	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1100: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.49	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1101: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.49	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.77	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
7	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1102: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.51
5	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1103: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.51
5	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
7	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 816: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 817: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 818: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 819: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 820: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 821: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 822: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.32	0.73	0.91	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 823: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	0.82	0.85	0.87	0.88	0.92	0.95	0.98	0.99	0.99	1.00	1.00
11	0.12	0.27	0.41	0.54	0.64	0.73	0.80	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.17	0.41	0.61	0.75	0.85	0.91	0.95	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.32	0.73	0.91	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 824: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 825: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
	5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
	7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 826: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
	7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
	9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 827: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
	7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
	9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 828: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
5	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.29	0.31	0.32	0.36	0.40	0.48	0.52	0.55	0.68	0.77
7	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	**0.81**	**0.89**	**0.91**	**0.93**	**0.98**	**0.99**
9	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.72	0.77	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.52	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 829: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 830: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
11	0.09	0.19	0.29	0.38	0.47	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.22	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 831: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 832: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.15	0.16	0.16	0.17	0.19	0.21	0.25	0.27	0.29	0.37	0.45
5	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	0.83	0.86	0.94	0.98
7	0.10	0.20	0.31	0.41	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.95	0.97	0.98	1.00	1.00	1.00	1.00	1.00
9	0.16	0.38	0.56	0.71	0.81	0.88	0.93	0.96	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.38	0.81	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.53	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.69	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 833: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
11	0.15	0.35	0.53	0.67	0.78	0.85	0.90	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.21	0.52	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.30	0.70	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 834: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
	5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.80
	7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.71	0.78	0.83	0.90	0.93	0.95	0.98	1.00
	9	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
	11	0.15	0.35	0.53	0.67	0.78	0.85	0.91	0.94	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.21	0.53	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.30	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.42	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 835: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
	5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
	7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	0.83	0.90
	9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
	11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	0.80	0.84	0.87	0.90	0.92	0.93	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
	13	0.13	0.30	0.45	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.17	0.43	0.63	0.77	0.87	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.23	0.57	0.79	0.90	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	0.60	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 836: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
5	0.06	0.09	0.13	0.16	0.20	0.23	0.27	0.30	0.33	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.59	0.65	0.75	0.78	**0.82**	**0.91**	**0.96**
7	0.09	0.18	0.28	0.37	0.45	0.53	0.60	0.66	0.72	0.76	**0.80**	**0.84**	**0.87**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.23	0.55	0.77	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 837: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 838: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

												n											
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.22	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.62	0.65	0.66	0.73	0.79	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.94**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.14	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 839: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

												n											
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 840: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 841: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
	3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
	9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
	11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
	13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
	15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 842: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 843: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 844: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
	7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
	9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 845: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
	7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
	9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 846: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 847: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 848: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
	9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 849: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
	7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
	9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
	11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 850: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 851: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 852: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 853: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.34	0.40	0.44	0.47	0.58	0.68
7	0.06	0.10	0.14	0.19	0.23	0.27	0.31	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.66	0.72	**0.81**	**0.85**	**0.88**	**0.95**	**0.98**
9	0.08	0.17	0.26	0.34	0.42	0.49	0.56	0.62	0.68	0.73	0.77	**0.80**	**0.84**	**0.86**	**0.89**	**0.90**	**0.93**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
11	0.12	0.28	0.43	0.56	0.66	0.75	**0.82**	**0.87**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.42	0.63	0.77	**0.86**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 854: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 855: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04
3	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.12
5	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.15	0.17	0.19	0.23	0.25	0.27	0.34	0.41
7	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.35	0.39	0.44	0.52	0.56	0.60	0.72	**0.81**
9	0.06	0.11	0.15	0.19	0.24	0.28	0.32	0.36	0.40	0.44	0.48	0.51	0.55	0.58	0.61	0.62	0.69	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
11	0.08	0.16	0.24	0.32	0.39	0.46	0.53	0.59	0.64	0.69	0.73	0.77	**0.80**	**0.83**	**0.86**	**0.87**	**0.91**	**0.94**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
13	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.14	0.34	0.52	0.66	0.77	**0.84**	**0.90**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.19	0.46	0.68	**0.81**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 856: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 857: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05
3	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.23	0.28	0.34
5	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.41	0.44	0.45	0.51	0.56	0.66	0.70	0.74	**0.85**	**0.92**
7	0.08	0.16	0.24	0.31	0.38	0.45	0.52	0.57	0.63	0.68	0.72	0.76	0.79	**0.82**	**0.85**	**0.86**	**0.91**	**0.94**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.29	0.44	0.57	0.68	0.76	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.19	0.47	0.69	**0.82**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 858: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 859: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.13	0.17	0.20
5	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.25	0.26	0.29	0.32	0.39	0.42	0.45	0.57	0.66
7	0.06	0.10	0.14	0.18	0.22	0.26	0.29	0.33	0.37	0.40	0.44	0.47	0.50	0.53	0.56	0.58	0.64	0.70	0.79	**0.83**	**0.86**	**0.94**	**0.98**
9	0.08	0.17	0.25	0.33	0.41	0.48	0.54	0.60	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
11	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.17	0.41	0.61	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.53	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.65	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 860: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 861: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.42	0.48	0.53	0.62	0.66	0.70	**0.82**	**0.89**
7	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.64	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.44	0.65	0.79	**0.88**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 862: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
	7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
	9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 863: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.18
	5	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.30	0.36	0.39	0.42	0.53	0.62
	7	0.06	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.66	0.76	**0.80**	**0.83**	**0.92**	**0.96**
	9	0.08	0.16	0.23	0.31	0.38	0.45	0.51	0.57	0.62	0.67	0.71	0.75	0.78	**0.81**	**0.84**	**0.85**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	11	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.86**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.22	0.53	0.75	**0.88**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.50	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 864: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 865: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
	3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
	5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	7	0.05	0.08	0.11	0.13	0.16	0.18	0.21	0.23	0.26	0.28	0.31	0.33	0.35	0.38	0.40	0.41	0.47	0.52	0.61	0.65	0.69	**0.81**	**0.89**
	9	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
	11	0.09	0.19	0.29	0.38	0.46	0.54	0.61	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.22	0.55	0.76	**0.89**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.29	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 866: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 867: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
5	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
7	0.04	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.23	0.23	0.26	0.29	0.35	0.38	0.41	0.52	0.61
9	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.90**
11	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.44	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
13	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
15	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.17	0.41	0.61	0.76	**0.85**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.27	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 868: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 869: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
5	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.26	0.28	0.30	0.32	0.33	0.38	0.42	0.50	0.54	0.58	0.70	0.79
7	0.07	0.12	0.18	0.23	0.28	0.33	0.38	0.43	0.47	0.52	0.56	0.60	0.63	0.67	0.70	0.71	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.98**	**1.00**
9	0.10	0.21	0.32	0.43	0.52	0.60	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.30	0.70	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 870: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 871: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.13	0.15
5	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.50
7	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.71	**0.83**	**0.90**
9	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	**0.80**	**0.85**	**0.92**	**0.94**	**0.96**	**0.99**	**1.00**
11	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.70	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.93**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.30	0.45	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.17	0.43	0.63	0.77	**0.87**	**0.92**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.70	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 872: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 873: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
3	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.15	0.19	0.23
5	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.21	0.22	0.24	0.26	0.27	0.29	0.30	0.34	0.38	0.46	0.49	0.53	0.65	0.75
7	0.06	0.11	0.16	0.21	0.26	0.30	0.35	0.39	0.43	0.47	0.51	0.55	0.58	0.62	0.65	0.66	0.73	0.78	**0.87**	**0.90**	**0.92**	**0.97**	**0.99**
9	0.09	0.19	0.29	0.39	0.48	0.55	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.13	0.32	0.48	0.62	0.73	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.38	**0.81**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.62	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 874: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 875: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.14
5	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.22	0.26	0.28	0.30	0.38	0.46
7	0.05	0.08	0.10	0.13	0.15	0.17	0.20	0.22	0.24	0.27	0.29	0.31	0.34	0.36	0.38	0.39	0.44	0.49	0.59	0.63	0.66	0.79	**0.87**
9	0.07	0.12	0.17	0.22	0.27	0.32	0.37	0.41	0.46	0.50	0.54	0.58	0.61	0.64	0.68	0.69	0.76	**0.81**	**0.89**	**0.91**	**0.94**	**0.98**	**0.99**
11	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.71	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
13	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.16	0.39	0.58	0.72	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.21	0.52	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.28	0.66	**0.87**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.36	0.79	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 876: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 877: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
7	0.04	0.06	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.28	0.32	0.38	0.41	0.44	0.56	0.65
9	0.05	0.09	0.12	0.15	0.18	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.40	0.43	0.45	0.47	0.53	0.58	0.68	0.72	0.76	**0.86**	**0.93**
11	0.07	0.12	0.18	0.23	0.28	0.34	0.38	0.43	0.48	0.52	0.56	0.60	0.64	0.67	0.70	0.72	0.78	**0.83**	**0.90**	**0.93**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.74	0.78	**0.81**	**0.84**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.38	0.50	0.60	0.69	0.76	**0.81**	**0.86**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.23	0.56	0.78	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.51	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 878: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 879: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
5	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
7	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
9	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21	0.23	0.24	0.26	0.26	0.30	0.33	0.40	0.44	0.47	0.58	0.68
11	0.05	0.08	0.11	0.14	0.16	0.19	0.22	0.24	0.27	0.30	0.32	0.35	0.37	0.40	0.42	0.43	0.49	0.54	0.64	0.68	0.72	**0.83**	**0.91**
13	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.63	0.70	0.76	**0.84**	**0.88**	**0.90**	**0.96**	**0.99**
15	0.08	0.15	0.21	0.28	0.35	0.41	0.47	0.52	0.57	0.62	0.67	0.71	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
17	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.74	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.11	0.25	0.38	0.50	0.61	0.69	0.76	**0.82**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.14	0.32	0.49	0.63	0.74	**0.82**	**0.88**	**0.92**	**0.95**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.17	0.40	0.60	0.74	**0.84**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.24	0.59	**0.80**	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 880: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
	7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
	9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 881: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
	3	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	5	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
	7	0.05	0.09	0.12	0.16	0.19	0.22	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.49	0.51	0.57	0.63	0.72	0.76	**0.80**	**0.90**	**0.95**
	9	0.08	0.15	0.22	0.29	0.35	0.42	0.48	0.53	0.58	0.63	0.68	0.72	0.75	0.78	**0.81**	**0.82**	**0.88**	**0.92**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	11	0.11	0.23	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.20	0.50	0.72	**0.85**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.28	0.66	**0.86**	**0.95**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 882: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 883: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
5	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
7	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.33	0.37	0.44	0.48	0.51	0.63	0.73
9	0.06	0.09	0.13	0.17	0.20	0.24	0.27	0.30	0.34	0.37	0.40	0.43	0.46	0.49	0.52	0.53	0.60	0.66	0.75	0.79	**0.82**	**0.92**	**0.96**
11	0.07	0.14	0.20	0.27	0.33	0.39	0.44	0.50	0.55	0.60	0.64	0.68	0.71	0.75	0.78	0.79	**0.85**	**0.89**	**0.95**	**0.96**	**0.97**	**0.99**	**1.00**
13	0.09	0.20	0.31	0.40	0.49	0.58	0.65	0.71	0.76	**0.81**	**0.84**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.12	0.29	0.44	0.57	0.67	0.76	**0.83**	**0.88**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.16	0.39	0.58	0.73	**0.83**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.26	0.64	**0.85**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 884: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 885: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
5	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.25	0.30	0.33	0.35	0.44	0.53
7	0.05	0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.28	0.31	0.34	0.37	0.39	0.42	0.44	0.45	0.51	0.57	0.66	0.70	0.74	**0.85**	**0.92**
9	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
11	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.13	0.31	0.48	0.62	0.72	**0.81**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.33	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.42	**0.86**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 886: Power Table for δ_{1101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 887: Power Table for δ_{1011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.10

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
5	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
7	0.04	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.29	0.33	0.39	0.42	0.46	0.57	0.67
9	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.59	0.69	0.73	0.77	**0.88**	**0.94**
11	0.07	0.13	0.18	0.24	0.29	0.34	0.40	0.44	0.49	0.54	0.58	0.62	0.65	0.69	0.72	0.73	0.79	**0.84**	**0.91**	**0.94**	**0.95**	**0.99**	**1.00**
13	0.09	0.18	0.27	0.36	0.44	0.52	0.59	0.65	0.70	0.75	0.79	**0.83**	**0.86**	**0.88**	**0.90**	**0.91**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
15	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.90**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.15	0.35	0.52	0.67	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.24	0.57	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.30	0.69	**0.89**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1176: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	0.84	0.91
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1177: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	0.84	0.91
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	0.83	0.87	0.90	0.93	0.94	0.96	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
7	0.22	0.53	0.75	0.87	0.94	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.40	0.84	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1178: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1179: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1180: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1181: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1182: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1183: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1184: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1185: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1186: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
	3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1187: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
	3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
	5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1188: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
	3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	0.81	0.91	0.96
	5	0.12	0.28	0.42	0.55	0.66	0.75	0.81	0.86	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.26	0.62	0.83	0.93	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.48	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
$g = h$	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1189: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
	3	0.04	0.07	0.08	0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.24	0.25	0.27	0.29	0.30	0.34	0.38	0.45	0.49	0.52	0.64	0.74
	5	0.08	0.16	0.24	0.32	0.39	0.46	0.52	0.58	0.64	0.68	0.73	0.76	0.80	0.83	0.85	0.86	0.91	0.94	0.98	0.99	0.99	1.00	1.00
	7	0.15	0.36	0.54	0.69	0.79	0.87	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.27	0.65	0.86	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	0.65	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
$g = h$	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1190: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	0.81	0.84	0.86	0.87	0.92	0.95	0.98	0.99	0.99	1.00	1.00
7	0.15	0.37	0.56	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.28	0.66	0.86	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1191: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.20	0.22	0.26	0.28	0.30	0.38	0.46
5	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.45	0.49	0.52	0.55	0.58	0.59	0.66	0.72	0.81	0.84	0.87	0.95	0.98
7	0.10	0.21	0.32	0.42	0.51	0.60	0.67	0.73	0.78	0.83	0.86	0.89	0.91	0.93	0.95	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00
9	0.16	0.39	0.58	0.73	0.83	0.89	0.94	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.26	0.62	0.83	0.93	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.39	0.83	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.55	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1192: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1193: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.59	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.87**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1194: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	**0.80**	**0.83**	**0.92**	**0.97**
5	0.13	0.29	0.44	0.58	0.68	0.77	**0.83**	**0.88**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.27	0.65	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1195: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07
3	0.05	0.07	0.09	0.11	0.12	0.14	0.16	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.31	0.35	0.39	0.47	0.51	0.54	0.67	0.76
5	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.66	0.71	0.75	0.79	**0.82**	**0.85**	**0.87**	**0.88**	**0.93**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
7	0.16	0.38	0.57	0.71	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1196: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
	3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	5	0.18	0.45	0.66	**0.80**	**0.89**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1197: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.09	0.10
	3	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.41	0.44	0.47	0.48	0.54	0.60	0.69	0.73	0.77	**0.88**	**0.94**
	5	0.11	0.25	0.39	0.51	0.61	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.24	0.58	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.69	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1198: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																					
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1199: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																					
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07
3	0.04	0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.28	0.32	0.36	0.43	0.47	0.50	0.62	0.72
5	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
7	0.14	0.35	0.52	0.66	0.77	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.26	0.62	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1200: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.19	0.23	0.28
5	0.05	0.07	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.32	0.34	0.36	0.37	0.42	0.47	0.55	0.59	0.63	0.75	**0.84**
7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
9	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.58	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1201: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	0.14	0.16	0.17	0.19	0.23	0.28
5	0.05	0.07	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.32	0.34	0.36	0.37	0.42	0.47	0.55	0.59	0.63	0.75	**0.84**
7	0.07	0.13	0.19	0.25	0.31	0.37	0.42	0.48	0.53	0.57	0.61	0.65	0.69	0.72	0.75	0.77	**0.83**	**0.87**	**0.93**	**0.95**	**0.97**	**0.99**	**1.00**
9	0.11	0.24	0.36	0.47	0.57	0.66	0.73	0.79	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.39	0.58	0.73	**0.83**	**0.89**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.58	0.79	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.72	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1202: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.14	0.16
5	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
9	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.76	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1203: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04
3	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.14	0.16
5	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.21	0.24	0.27	0.32	0.35	0.37	0.47	0.56
7	0.05	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.44	0.47	0.48	0.54	0.60	0.70	0.74	0.77	**0.88**	**0.94**
9	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.76	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
11	0.10	0.22	0.34	0.45	0.54	0.63	0.70	0.76	**0.81**	**0.85**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.14	0.34	0.51	0.65	0.76	**0.84**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.19	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.26	0.63	**0.84**	**0.94**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1204: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
5	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	0.81	0.89	0.91	0.93	0.98	0.99
7	0.11	0.25	0.38	0.50	0.60	0.69	0.76	0.82	0.86	0.90	0.92	0.94	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
9	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.31	0.72	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1205: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.26	0.31	0.34	0.36	0.46	0.55
5	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.41	0.45	0.50	0.54	0.57	0.61	0.64	0.67	0.69	0.75	0.81	0.89	0.91	0.93	0.98	0.99
7	0.11	0.25	0.38	0.50	0.60	0.69	0.76	0.82	0.86	0.90	0.92	0.94	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
9	0.19	0.47	0.68	0.82	0.90	0.95	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.31	0.72	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.47	0.90	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1206: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.70	**0.82**	**0.90**
7	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.45	0.65	**0.80**	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1207: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.16	0.18	0.20	0.21	0.27	0.32
5	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.31	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.70	**0.82**	**0.90**
7	0.08	0.15	0.22	0.29	0.36	0.43	0.49	0.54	0.60	0.64	0.69	0.73	0.76	0.79	**0.82**	**0.83**	**0.89**	**0.92**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
9	0.12	0.27	0.41	0.54	0.65	0.73	**0.80**	**0.85**	**0.89**	**0.92**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.18	0.45	0.65	**0.80**	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.27	0.65	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1208: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.49
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1209: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.49
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1210: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	5	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.85**
	7	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	9	0.11	0.24	0.37	0.49	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1211: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
	3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.17	0.18	0.19	0.24	0.29
	5	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.65	0.77	**0.85**
	7	0.07	0.14	0.20	0.26	0.32	0.38	0.44	0.49	0.54	0.58	0.63	0.67	0.70	0.74	0.77	0.78	**0.84**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
	9	0.11	0.24	0.37	0.49	0.59	0.67	0.75	**0.80**	**0.85**	**0.89**	**0.91**	**0.94**	**0.95**	**0.97**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.24	0.59	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	0.74	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1212: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1213: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1214: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1215: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1216: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1217: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1218: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.30	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1219: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.30	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1220: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1221: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1222: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1223: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1224: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1225: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1226: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	0.83	0.85	0.88	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00
5	0.24	0.58	0.80	0.91	0.96	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1227: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	0.83	0.86	0.89	0.96	0.98
5	0.14	0.33	0.50	0.65	0.75	0.83	0.89	0.93	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.31	0.72	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.57	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1228: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1229: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1230: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1231: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1232: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ (rows); n (columns)

	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1233: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ (rows); n (columns)

	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1234: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1235: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	0.82	0.83	0.88	0.92	0.96	0.98	0.98	1.00	1.00
5	0.21	0.51	0.73	0.86	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1236: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1237: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1238: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.19	0.22
3	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.27	0.64	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1239: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.19	0.22
3	0.09	0.19	0.29	0.38	0.47	0.55	0.62	0.68	0.73	0.78	**0.82**	**0.85**	**0.88**	**0.90**	**0.92**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.27	0.64	**0.85**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1240: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.31	0.37	0.40	0.43	0.54	0.63
3	0.22	0.54	0.76	0.88	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1241: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.27	0.31	0.37	0.40	0.43	0.54	0.63
3	0.22	0.54	0.76	0.88	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1242: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
3	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1243: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.16	0.18	0.20	0.24	0.26	0.28	0.35	0.42
3	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.50	**0.93**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1244: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
	3	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1245: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22	0.25	0.28	0.34	0.37	0.39	0.50	0.59
	3	0.20	0.50	0.72	**0.85**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1246: Power Table for δ_{0000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
3	0.14	0.32	0.49	0.63	0.73	0.82	0.87	0.92	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1247: Power Table for δ_{1000} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.18	0.22	0.23	0.25	0.32	0.38
3	0.14	0.32	0.49	0.63	0.73	0.82	0.87	0.92	0.94	0.96	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1248: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1249: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1250: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1251: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1252: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1253: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1254: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																								
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1255: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																								
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1256: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1257: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1258: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1259: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1260: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1261: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1262: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																					
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1263: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																					
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1264: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1265: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1266: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1267: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1268: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
	3	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1269: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
	3	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1270: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1271: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1272: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
3	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1273: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
3	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1274: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
	3	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	5	0.16	0.38	0.57	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1275: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
	3	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
	5	0.16	0.38	0.57	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1276: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.22	0.24	0.31	0.37
	3	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1277: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.22	0.24	0.31	0.37
	3	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1278: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.28	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1279: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.28	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1280: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1281: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1282: Power Table for δ_{0100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1283: Power Table for δ_{0010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1284: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.80	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.31	0.72	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1285: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.80	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.31	0.72	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1286: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1287: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1288: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1289: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1290: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1291: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1292: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1293: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1294: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1295: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1296: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1297: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	0.81	0.83	0.85	0.90	0.93	0.97	0.98	0.99	1.00	1.00
5	0.21	0.53	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1298: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1299: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
5	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1300: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1301: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1302: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1303: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1304: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1305: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1306: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1307: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	0.82	0.83	0.88	0.92	0.96	0.98	0.98	1.00	1.00
5	0.21	0.51	0.73	0.86	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1308: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
3	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1309: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
3	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1310: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1311: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1312: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.22	0.24	0.31	0.37
3	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1313: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.22	0.24	0.31	0.37
3	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1314: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 1), X_{ijkl} \sim N(0, 0.5), W_{ijkl} \sim N(0, 0.5), Z_{ijkl} \sim N(0, 0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.28	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1315: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0, 1), X_{ijkl} \sim N(0, 0.5), W_{ijkl} \sim N(0, 0.5), Z_{ijkl} \sim N(0, 0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.28	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1316: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1317: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.12	0.28	0.43	0.56	0.67	0.76	**0.82**	**0.87**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.41	**0.85**	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1318: Power Table for δ_{0001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1319: Power Table for δ_{1100} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1320: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.80	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.31	0.72	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1321: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	0.80	0.85	0.88	0.91	0.93	0.94	0.96	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.31	0.72	0.91	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1322: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1323: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1324: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
	3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1325: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
	3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1326: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1327: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g=h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1328: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1329: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1330: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1331: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1332: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1333: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
5	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1334: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
5	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1335: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
5	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1336: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.83	0.87	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
5	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1337: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	0.83	0.87	0.90	0.92	0.94	0.95	0.97	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00
5	0.33	0.75	0.92	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.71	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1338: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1339: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1340: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1341: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1342: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	5	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1343: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
	3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
	5	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1344: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
3	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1345: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.14	0.18	0.21
3	0.09	0.18	0.27	0.36	0.44	0.51	0.58	0.64	0.70	0.75	0.79	**0.82**	**0.85**	**0.88**	**0.90**	**0.91**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.61	**0.82**	**0.93**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1346: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1347: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.21	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.56	0.60	0.63	0.66	0.68	0.74	**0.80**	**0.88**	**0.91**	**0.93**	**0.98**	**0.99**
5	0.16	0.38	0.57	0.71	**0.81**	**0.88**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1348: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.22	0.24	0.31	0.37
3	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1349: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.22	0.24	0.31	0.37
3	0.13	0.31	0.47	0.61	0.71	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.44	**0.88**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1350: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.28	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1351: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.28	0.67	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.63	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1352: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.12	0.28	0.43	0.56	0.67	0.76	0.82	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1353: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.19	0.21	0.22	0.28	0.34
3	0.12	0.28	0.43	0.56	0.67	0.76	0.82	0.87	0.91	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.41	0.85	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1354: Power Table for δ_{1010} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1355: Power Table for δ_{1001} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.14	0.15	0.18	0.22
3	0.09	0.18	0.28	0.36	0.45	0.52	0.59	0.66	0.71	0.76	**0.80**	**0.83**	**0.86**	**0.89**	**0.91**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1356: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1357: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.14	0.17	0.19	0.22	0.25	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.44	0.50	0.55	0.64	0.69	0.72	**0.84**	**0.91**
5	0.11	0.23	0.35	0.47	0.57	0.65	0.73	0.78	**0.83**	**0.87**	**0.90**	**0.93**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.22	0.53	0.75	**0.87**	**0.94**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.40	**0.84**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1358: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1359: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.07
3	0.04	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	0.25	0.25	0.29	0.32	0.39	0.42	0.45	0.56	0.66
5	0.07	0.14	0.21	0.27	0.33	0.39	0.45	0.51	0.56	0.60	0.65	0.69	0.72	0.75	0.78	**0.80**	**0.85**	**0.90**	**0.95**	**0.97**	**0.98**	**1.00**	**1.00**
7	0.13	0.31	0.47	0.61	0.72	**0.80**	**0.86**	**0.90**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.23	0.57	0.79	**0.90**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1360: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	0.80	0.88	0.91	0.93	0.98	0.99
5	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.35	0.78	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1361: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.12	0.13
3	0.06	0.12	0.17	0.22	0.26	0.31	0.36	0.40	0.45	0.49	0.53	0.57	0.60	0.63	0.67	0.68	0.75	0.80	0.88	0.91	0.93	0.98	0.99
5	0.16	0.38	0.57	0.71	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.35	0.78	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.63	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1362: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																							
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1363: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																							
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.26	0.29	0.32	0.34	0.36	0.39	0.41	0.42	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1364: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
	3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
	5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1365: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
	3	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.89**	**0.91**	**0.97**	**0.99**
	5	0.15	0.36	0.54	0.68	0.79	**0.86**	**0.91**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1366: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$ 23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1367: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.38	0.40	0.45	0.50	0.59	0.63	0.67	0.79	**0.87**
5	0.10	0.21	0.32	0.42	0.52	0.60	0.67	0.73	0.78	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.48	0.69	**0.83**	**0.91**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.36	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.58	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$ 23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1368: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1369: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.11
3	0.06	0.09	0.13	0.16	0.20	0.23	0.26	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.52	0.58	0.64	0.74	0.78	**0.81**	**0.91**	**0.96**
5	0.12	0.28	0.42	0.55	0.66	0.75	**0.81**	**0.86**	**0.90**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.26	0.62	**0.83**	**0.93**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1370: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	0.81	0.84	0.86	0.87	0.92	0.95	0.98	0.99	0.99	1.00	1.00
7	0.15	0.37	0.56	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.28	0.66	0.86	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1371: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07
3	0.04	0.07	0.09	0.10	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.24	0.26	0.28	0.29	0.30	0.34	0.38	0.46	0.50	0.53	0.65	0.75
5	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.70	0.74	0.78	0.81	0.84	0.86	0.87	0.92	0.95	0.98	0.99	0.99	1.00	1.00
7	0.15	0.37	0.56	0.70	0.80	0.88	0.92	0.95	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.28	0.66	0.86	0.95	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.46	0.89	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.66	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1372: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1373: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.41	0.47	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.71	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.46	**0.89**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1374: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	0.80	0.83	0.92	0.97
5	0.13	0.29	0.44	0.58	0.68	0.77	0.83	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.65	0.85	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1375: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.10	0.11
3	0.06	0.10	0.13	0.17	0.20	0.24	0.28	0.31	0.34	0.38	0.41	0.44	0.47	0.50	0.53	0.54	0.61	0.67	0.76	0.80	0.83	0.92	0.97
5	0.13	0.29	0.44	0.58	0.68	0.77	0.83	0.88	0.92	0.94	0.96	0.97	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.27	0.65	0.85	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.50	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1376: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	0.83	0.88	0.94	0.96	0.97	0.99	1.00
5	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1377: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$	n: 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.13	0.16
3	0.07	0.13	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.69	0.73	0.76	0.77	0.83	0.88	0.94	0.96	0.97	0.99	1.00
5	0.18	0.45	0.66	0.80	0.89	0.94	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.42	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.73	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1378: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1379: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10
3	0.05	0.09	0.12	0.16	0.19	0.22	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.46	0.49	0.50	0.56	0.62	0.72	0.76	0.79	**0.89**	**0.95**
5	0.12	0.27	0.41	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.25	0.60	**0.81**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.46	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.90**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1380: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.50
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1381: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
3	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.21	0.23	0.28	0.30	0.33	0.41	0.50
5	0.06	0.11	0.15	0.20	0.24	0.28	0.33	0.37	0.41	0.45	0.48	0.52	0.55	0.59	0.62	0.63	0.70	0.75	**0.84**	**0.87**	**0.90**	**0.96**	**0.99**
7	0.10	0.22	0.34	0.45	0.55	0.63	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.17	0.42	0.62	0.76	**0.86**	**0.92**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.28	0.66	**0.86**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.42	**0.86**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.59	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.75	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1382: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.16	0.18	0.19	0.24	0.28
5	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
7	0.07	0.14	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
9	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1383: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05
3	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.16	0.18	0.19	0.24	0.28
5	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.32	0.34	0.36	0.37	0.42	0.47	0.56	0.60	0.64	0.76	**0.85**
7	0.07	0.14	0.20	0.26	0.32	0.37	0.43	0.48	0.53	0.58	0.62	0.66	0.70	0.73	0.76	0.77	**0.83**	**0.88**	**0.94**	**0.96**	**0.97**	**0.99**	**1.00**
9	0.11	0.24	0.36	0.48	0.58	0.67	0.74	**0.80**	**0.84**	**0.88**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.16	0.39	0.59	0.73	**0.83**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.34	0.77	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	0.47	**0.90**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	0.73	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1384: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
5	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1385: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.16	0.18	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.41	0.46	0.55	0.59	0.63	0.75	**0.84**
5	0.09	0.19	0.29	0.39	0.48	0.56	0.63	0.69	0.74	0.79	**0.83**	**0.86**	**0.89**	**0.91**	**0.93**	**0.93**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.18	0.44	0.65	0.79	**0.88**	**0.94**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.33	0.75	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.91**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1386: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

												n											
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.38	0.47	0.56
5	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1387: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

												n											
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06
3	0.04	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.24	0.27	0.32	0.35	0.38	0.47	0.56
5	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.42	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.70	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
7	0.11	0.26	0.39	0.52	0.62	0.71	0.78	**0.83**	**0.88**	**0.91**	**0.93**	**0.95**	**0.97**	**0.98**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.20	0.48	0.69	**0.83**	**0.91**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.32	0.73	**0.91**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.48	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1388: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.49	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.77	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1389: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.30

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08
3	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.33	0.37	0.41	0.49	0.53	0.57	0.69	0.79
5	0.09	0.18	0.26	0.35	0.43	0.50	0.57	0.63	0.69	0.73	0.77	0.81	0.84	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
7	0.16	0.40	0.59	0.74	0.84	0.90	0.94	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.30	0.70	0.89	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1390: Power Table for δ_{0110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
	3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.51
	5	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
	7	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1391: Power Table for δ_{0101} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.30

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06
	3	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.21	0.24	0.29	0.31	0.33	0.42	0.51
	5	0.06	0.11	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.46	0.50	0.53	0.57	0.60	0.63	0.65	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
	7	0.10	0.23	0.35	0.46	0.56	0.65	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.96**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.18	0.43	0.63	0.78	**0.87**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	0.28	0.67	**0.87**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**0.88**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1392: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1393: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1394: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1395: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	0.80	0.81	0.87	0.91	0.96	0.97	0.98	1.00	1.00
5	0.20	0.49	0.70	0.84	0.92	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.77	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1396: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	0.80	0.86	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1397: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	0.80	0.86	0.91	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.45	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1398: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1399: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1400: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1401: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1402: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1403: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	0.81	0.85	0.88	0.90	0.92	0.94	0.94	0.97	0.98	1.00	1.00	1.00	1.00	1.00
5	0.29	0.68	0.88	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.64	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1404: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1405: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	0.81	0.83	0.85	0.90	0.93	0.97	0.98	0.99	1.00	1.00
5	0.21	0.53	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1406: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1407: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
5	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1408: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1409: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1410: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1411: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1412: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1413: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1414: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	0.83	0.87	0.91	0.93	0.95	0.96	0.97	0.98	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00
5	0.37	0.80	0.95	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.76	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1415: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	0.82	0.83	0.88	0.92	0.96	0.98	0.98	1.00	1.00
5	0.21	0.51	0.73	0.86	0.93	0.97	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.47	0.91	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.79	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1416: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
5	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1417: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g=h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
5	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1418: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
5	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1419: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
5	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1420: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.13	0.14	0.18	0.21
3	0.09	0.18	0.27	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1421: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.13	0.14	0.18	0.21
3	0.09	0.18	0.27	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	**0.82**	**0.85**	**0.87**	**0.89**	**0.90**	**0.94**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**
5	0.25	0.60	**0.82**	**0.92**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.56	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.87**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1422: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
3	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.43	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1423: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
3	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.43	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1424: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1425: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1426: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1427: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1428: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1429: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1430: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1431: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1432: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1433: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1434: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1435: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.30	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.67	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1436: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
	3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1437: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
	3	0.13	0.30	0.46	0.59	0.70	0.78	**0.85**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.43	**0.87**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1438: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
	3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1439: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
	3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1440: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
	3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	**0.85**	**0.89**	**0.92**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.38	**0.82**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1441: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
	3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	**0.81**	**0.83**	**0.85**	**0.90**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**
	5	0.21	0.53	0.74	**0.87**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.49	**0.92**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1442: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1443: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
5	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1444: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
	3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1445: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

		n																						
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
	3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	5	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1446: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1447: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1448: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.16	0.38	0.57	0.72	**0.82**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1449: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.71	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1450: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1451: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
5	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1452: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
	3	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
	5	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1453: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g=h$	1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.11	0.13
	3	0.06	0.11	0.16	0.20	0.25	0.29	0.33	0.38	0.42	0.46	0.49	0.53	0.57	0.60	0.63	0.64	0.71	0.77	**0.85**	**0.88**	**0.91**	**0.97**	**0.99**
	5	0.15	0.35	0.53	0.68	0.78	**0.86**	**0.91**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.60	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1454: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
5	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1455: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.10	0.13	0.15	0.18	0.20	0.23	0.25	0.28	0.30	0.32	0.35	0.37	0.39	0.40	0.46	0.51	0.60	0.64	0.68	**0.80**	**0.88**
5	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.81**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1456: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.13	0.14	0.18	0.21
3	0.09	0.18	0.27	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	0.82	0.85	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
5	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.56	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1457: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.13	0.13	0.14	0.18	0.21
3	0.09	0.18	0.27	0.35	0.43	0.51	0.57	0.64	0.69	0.74	0.78	0.82	0.85	0.87	0.89	0.90	0.94	0.96	0.99	0.99	1.00	1.00	1.00
5	0.25	0.60	0.82	0.92	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.56	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1458: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
3	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.43	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1459: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14
3	0.07	0.12	0.17	0.23	0.28	0.33	0.38	0.43	0.47	0.51	0.55	0.59	0.63	0.66	0.69	0.71	0.77	**0.82**	**0.90**	**0.92**	**0.94**	**0.98**	**1.00**
5	0.16	0.40	0.59	0.74	**0.84**	**0.90**	**0.94**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.37	**0.81**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.66	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.89**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1460: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1461: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.12	0.12	0.13	0.16	0.19
3	0.08	0.16	0.24	0.32	0.40	0.47	0.53	0.59	0.65	0.69	0.74	0.77	**0.81**	**0.84**	**0.86**	**0.87**	**0.92**	**0.95**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.23	0.56	0.78	**0.90**	**0.95**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.52	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1462: Power Table for δ_{0011} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1463: Power Table for δ_{1110} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.47	0.51	0.54	0.58	0.61	0.64	0.66	0.72	0.78	**0.86**	**0.89**	**0.92**	**0.97**	**0.99**
5	0.15	0.36	0.54	0.69	0.79	**0.87**	**0.92**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.34	0.76	**0.93**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.61	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1464: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1465: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.15	0.16	0.17	0.22	0.26
3	0.10	0.22	0.33	0.44	0.54	0.62	0.69	0.75	**0.80**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.96**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.31	0.72	**0.91**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.68	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1466: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1467: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
	1	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.17
	3	0.07	0.14	0.21	0.28	0.34	0.40	0.46	0.52	0.57	0.62	0.66	0.70	0.74	0.77	**0.80**	**0.81**	**0.87**	**0.91**	**0.96**	**0.97**	**0.98**	**1.00**	**1.00**
	5	0.20	0.49	0.70	**0.84**	**0.92**	**0.96**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	7	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	9	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	11	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
$g = h$	23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
	100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1468: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1469: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$	n = 1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.14	0.16	0.18	0.21	0.23	0.24	0.31	0.37
3	0.13	0.31	0.48	0.61	0.72	**0.80**	**0.86**	**0.91**	**0.94**	**0.96**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.45	**0.89**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.86**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1470: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.30	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1471: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.25
3	0.10	0.21	0.32	0.43	0.52	0.61	0.68	0.74	0.79	0.83	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.30	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.67	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1472: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1473: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	0.15	0.17	0.20	0.22	0.23	0.30	0.36
3	0.13	0.30	0.46	0.59	0.70	0.78	0.85	0.89	0.93	0.95	0.97	0.98	0.99	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.43	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1474: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1475: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,1), W_{ijkl} \sim N(0,1), Z_{ijkl} \sim N(0,1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.14	0.15	0.16	0.20	0.24
3	0.10	0.20	0.31	0.40	0.50	0.58	0.65	0.71	0.76	**0.81**	**0.85**	**0.88**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.29	0.68	**0.88**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.64	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1476: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	0.12	0.12	0.13	0.14	0.15	0.18	0.19	0.21	0.26	0.32
3	0.12	0.26	0.40	0.53	0.64	0.72	0.79	0.85	0.89	0.92	0.94	0.96	0.97	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.38	0.82	0.96	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.78	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1477: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.15	0.18
3	0.08	0.15	0.23	0.30	0.37	0.44	0.50	0.56	0.61	0.66	0.70	0.74	0.78	0.81	0.83	0.85	0.90	0.93	0.97	0.98	0.99	1.00	1.00
5	0.21	0.53	0.74	0.87	0.94	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.49	0.92	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1478: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.12	0.13	0.14	0.17	0.20
3	0.08	0.17	0.25	0.33	0.41	0.48	0.55	0.61	0.67	0.71	0.76	0.79	**0.83**	**0.85**	**0.88**	**0.89**	**0.93**	**0.96**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**
5	0.24	0.58	**0.80**	**0.91**	**0.96**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.54	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.85**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1479: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 8\sigma_e^2), r \sim N(0, 4\sigma_e^2), u \sim N(0, 2\sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																						
$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.50	0.54	0.57	0.60	0.61	0.68	0.74	**0.83**	**0.86**	**0.89**	**0.96**	**0.98**
5	0.14	0.33	0.50	0.65	0.75	**0.83**	**0.89**	**0.93**	**0.95**	**0.97**	**0.98**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.31	0.72	**0.90**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.82**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1480: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.20	0.23	0.27	0.29	0.32	0.40	0.48
3	0.17	0.41	0.60	0.75	**0.85**	**0.91**	**0.95**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	**0.94**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1481: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.16	0.17	0.18	0.23	0.27
3	0.10	0.23	0.35	0.46	0.56	0.64	0.72	0.78	**0.83**	**0.87**	**0.90**	**0.92**	**0.94**	**0.95**	**0.97**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.33	0.75	**0.92**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.71	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1482: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.16	0.19	0.20	0.22	0.27	0.33
	3	0.12	0.27	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.96	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	5	0.39	0.83	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1483: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

	n																							
		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
$g = h$	1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.16	0.19
	3	0.08	0.16	0.24	0.31	0.39	0.45	0.52	0.58	0.63	0.68	0.72	0.76	0.79	0.82	0.85	0.86	0.91	0.94	0.98	0.98	0.99	1.00	1.00
	5	0.22	0.54	0.76	0.89	0.95	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	7	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	9	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	11	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1484: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.19	0.21	0.26	0.28	0.30	0.38	0.45
3	0.16	0.38	0.57	0.72	0.82	0.89	0.93	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	0.54	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1485: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 1.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.21	0.26
3	0.10	0.22	0.33	0.43	0.53	0.61	0.69	0.75	0.80	0.84	0.87	0.90	0.92	0.94	0.95	0.96	0.98	0.99	1.00	1.00	1.00	1.00	1.00
5	0.31	0.71	0.90	0.97	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
7	0.68	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1486: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.17	0.19	0.20	0.25	0.30
3	0.11	0.26	0.39	0.51	0.62	0.70	0.77	**0.83**	**0.87**	**0.91**	**0.93**	**0.95**	**0.96**	**0.97**	**0.98**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
5	0.37	**0.80**	**0.95**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.76	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1487: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 0.5), X_{ijkl} \sim N(0, 1), W_{ijkl} \sim N(0, 1), Z_{ijkl} \sim N(0, 1)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

n

$g = h$	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.11	0.11	0.12	0.15	0.17
3	0.08	0.15	0.22	0.29	0.36	0.42	0.48	0.54	0.59	0.64	0.68	0.72	0.76	0.79	**0.82**	**0.83**	**0.88**	**0.92**	**0.96**	**0.98**	**0.98**	**1.00**	**1.00**
5	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.47	**0.91**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.79	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1488: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.64	0.77	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1489: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08
3	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.21	0.24	0.26	0.28	0.30	0.32	0.35	0.37	0.38	0.43	0.48	0.57	0.61	0.64	0.77	**0.85**
5	0.09	0.20	0.30	0.40	0.49	0.57	0.64	0.71	0.76	**0.80**	**0.84**	**0.87**	**0.90**	**0.92**	**0.94**	**0.94**	**0.97**	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.46	0.67	**0.81**	**0.89**	**0.94**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.35	0.77	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.56	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.77	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.92**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1490: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
5	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
7	0.12	0.28	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.21	0.51	0.73	0.86	0.93	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.34	0.77	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1491: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,8\sigma_e^2), r \sim N(0,4\sigma_e^2), u \sim N(0,2\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.06	0.06
3	0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.26	0.29	0.35	0.37	0.40	0.51	0.60
5	0.07	0.13	0.19	0.24	0.30	0.35	0.40	0.45	0.50	0.55	0.59	0.63	0.66	0.70	0.73	0.74	0.80	0.85	0.92	0.94	0.96	0.99	1.00
7	0.12	0.28	0.42	0.55	0.66	0.74	0.81	0.86	0.90	0.93	0.95	0.97	0.98	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	0.21	0.51	0.73	0.86	0.93	0.97	0.99	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	0.34	0.77	0.93	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
13	0.51	0.93	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15	0.70	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
19	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
21	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Table 1492: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 1), X_{ijkl} \sim N(0, 0.5), W_{ijkl} \sim N(0, 0.5), Z_{ijkl} \sim N(0, 0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
5	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1493: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0, 1), X_{ijkl} \sim N(0, 0.5), W_{ijkl} \sim N(0, 0.5), Z_{ijkl} \sim N(0, 0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0, \sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2) v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.11	0.13
3	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.41	0.45	0.49	0.52	0.56	0.59	0.62	0.64	0.70	0.76	**0.85**	**0.88**	**0.90**	**0.96**	**0.99**
5	0.15	0.35	0.53	0.67	0.78	**0.85**	**0.90**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.32	0.74	**0.92**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.59	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.84**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.97**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1494: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.41	0.43	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1495: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0,\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2) v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09
3	0.05	0.08	0.11	0.13	0.16	0.19	0.21	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.41	0.43	0.48	0.53	0.63	0.67	0.71	**0.82**	**0.90**
5	0.10	0.23	0.34	0.45	0.55	0.64	0.71	0.77	**0.82**	**0.86**	**0.89**	**0.92**	**0.94**	**0.95**	**0.96**	**0.97**	**0.98**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.21	0.51	0.73	**0.86**	**0.93**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.39	**0.83**	**0.96**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.62	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.83**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1496: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
5	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1497: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 1.00, Error Distribution by Level $e \sim N(0,2\sigma_e^2), r \sim N(0,\sigma_e^2), u \sim N(0,\sigma_e^2), v \sim N(0,\sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.12
3	0.06	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.41	0.45	0.48	0.52	0.55	0.58	0.59	0.66	0.72	**0.81**	**0.84**	**0.87**	**0.95**	**0.98**
5	0.14	0.32	0.49	0.63	0.73	**0.82**	**0.87**	**0.92**	**0.94**	**0.96**	**0.98**	**0.99**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.30	0.70	**0.89**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.55	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	**0.80**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	**0.95**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1498: Power Table for δ_{0111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.08
3	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.37	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
5	0.10	0.20	0.31	0.41	0.50	0.58	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

Table 1499: Power Table for δ_{1111} Predictor Distributions by Level $A_{ijkl} \sim N(0,1), X_{ijkl} \sim N(0,0.5), W_{ijkl} \sim N(0,0.5), Z_{ijkl} \sim N(0,0.5)$, eI= 2.00, Error Distribution by Level $e \sim N(0, 2\sigma_e^2), r \sim N(0, \sigma_e^2), u \sim N(0, \sigma_e^2), v \sim N(0, \sigma_e^2)$, Effect Size = 0.70

$g = h$ \ n	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	30	35	40	50	55	60	80	100
1	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.08
3	0.05	0.08	0.10	0.12	0.15	0.17	0.19	0.22	0.24	0.26	0.29	0.31	0.33	0.35	0.37	0.39	0.44	0.49	0.58	0.62	0.66	0.78	**0.86**
5	0.10	0.20	0.31	0.41	0.50	0.58	0.66	0.72	0.77	**0.82**	**0.85**	**0.88**	**0.91**	**0.93**	**0.94**	**0.95**	**0.97**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
7	0.19	0.47	0.68	**0.82**	**0.90**	**0.95**	**0.97**	**0.99**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
9	0.35	0.78	**0.94**	**0.99**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
11	0.57	**0.96**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
13	0.78	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
15	**0.93**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
17	**0.98**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
19	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
21	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
23	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
25	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
27	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
29	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
30	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
40	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
50	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
55	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
60	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
80	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**
100	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**

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14. ABSTRACT
Hierarchical Linear Models (HLMs), also known as multi-level models, are an extension of multiple regression analysis and can aid in the understanding of human and machine workloads of a system. These models allow for prediction and testing in systems with hierarchies of two or more levels. The complex interrelated variability of these multi-level models exists in operational settings, such as the Air Force Distributed Common Ground System Full Motion Video (AF DCGS FMV) community which is composed of individuals (Level-1), groups (Level-2), units (Level-3), and organizations (Level-4). Through the development of sample size requirements and considerations for multi-level models, this research determined necessary requirements and strategies to assess human-machine system performance based requests for statistical testing and evaluation. This research compares sample size recommendations to previous Level-2 HLM recommendations and extends recommendations to Level-3 and Level-4 HLMs based on varying effect sizes, level predictor variance, and error variance scenarios. Depending on the application, results demonstrate that sample size requirements may be smaller than what literature previously reported. Further, when sample size requirements cannot be met, this research develops and assesses re-sampling methods as a means to augment small samples for estimation. The operational community, DCGS FMV, has a small population of 1,000 and limited access to analysts. This research provides distributions based on Subject Matter Expert (SME) opinion for re-sampling methods to the DCGS FMV Level-3 and Level-4 HLMs. These findings provide a foundation on which sample size recommendations and extrapolation techniques for HLM are made. Such recommendations and techniques with SME input provide simulation based HLM assessments that can give initial recommendations with limited associated cost, analyst and researcher time, and resources. These are initial steps towards advancing the Air Force's capabilities and mission understanding for human-machine based systems.

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